# Dazzler Software

MEAN Stack Development Bootcamp

## CONTENTS

1.	ABOUT DAZZLER	2
2.	WHY MEAN STACK DEVELOPMENT	3
3.	WHY DAZZLER	4
4.	PROGRAM HIGHLIGHTS	5
5.	INDUSTRY EXPERTS	(7)
6.	PROGRAM CURRICULUM	8
7.	PROGRAM DETAILS	(13)

### ABOUT DAZZLER

Dazzler Software had begun their adventure in the field of IT Business most recently years back. It's a period when we recognize prospect and business viewpoints in the region of web configuration, advancement, and custom programming application improvement. Provide services like custom software development, Website Development, Ecommerce Application Development, Training, CRM Development, and more services to clients globally. With our team and founder of the firm we help our clients with best performance and growth in terms of business growth, branding and revenue generation.

Our team of 25+ professionals make the finest works in the software development process, project management, code development, UI/UX design, testing and strategy, and web design with quality assurance and high-level performance. Our aim is to provide our clients best services at affordable prices and with quality standard work. We have created 100+ applications, 20,000+ customers across the world are part of our dazzler family, and 1M+ free software downloads.

Our goal is that we should provide you the right education, improve your skills, teach you what will be useful for your whole life. We are making a better future for the students with our new model of education.



### **Deepesh Paliwal**

Founder and Executive Chairman

### DAZZLER



We build your career with the right job. We update ourselves every day so that you can learn the latest technology. Anyone can learn to code, so it is our endeavor to guide you in the right direction. we have the best training environment and the best team who will teach you and guide you.

### Chandra Shekhar Sahu

Founder and Executive Chairman

DAZZLER

## WHY MEAN STACK DEVELOPMENT?

#### Why MEAN Stack Development?

As with anything under demand, the pay is high. The average salary of a mean stack developer is 6 lakh rupees which is higher than the average salary of a web developer. With the right skills and the right company, you can get a salary higher than the average companies i.e. around 10-15 lakhs per annum. As a mean stack developer, you have a know-how of multiple technologies. Whether it's about adding images to a web page or creating a database, you'd be familiar with all of them. This gives you an edge over other developers because you can make technical decisions faster and see the bigger picture.

#### Job role of a MEAN Stack Developer:

- Developing front-end website architecture
- Designing user interactions on web pages
- Developing back-end website applications
- Creating servers and databases for functionality
- · Ensuring cross-platform optimization for mobile phones
- Ensuring responsiveness of applications
- · Working alongside graphic designers on web design features
- · Seeing through a project from conception to finished product
- Troubleshooting Application and Code issues.
- Meeting both technical and consumer needs
- Staying abreast of developments in web applications and programming languages

#### What skills are required to become a successful Mean Stack Developer?

This means learning mean stack development will help you master a wide variety of skills. Knowledge of HTML, CSS, JavaScript, back-end languages (Angular, Node js), database mongoDB. HTTP, REST and NPM, along with a good set of soft skills are inevitable to become a good mean stack developer.

## WHY DAZZLER



### Learn something new every day

This job continuously influences you to learn new things constantly. With the dynamic nature of the tech industry, doing the same work for a long time may bore you. At that particular time, upgrading your skills and knowledge will really help you a lot.



#### Learn the industry-relevant tools

Access to variety of tools for the digital marketing and hands-on training with many industries relevant projects.



#### **Highest Salary Package**

The average salary for a talented developer/designer is more than the average salary of any other software developer/designer in the industry.



### Find what you love most

This course lets you get comfortable with a wide array of software. It also allows you to dive deep into the areas you like the most.



#### Tech boom

The IT and Tech industry in India has grown exponentially in the last few years.



### 100% Job & Internship Support

Interview ready with our Individual mock interview and group interview sessions.



#### **Industry Experienced Faculties**

Develop most sought-after skills in today's tech industry by top industry experts.

### PROGRAM HIGHLIGHTS



### Learn from Seasoned Experts

Learn new age tools like HTML, CSS, Angular, Node Js, Express Js, MongoDB + VS Code.



#### Learn the industry-relevant skills

Develop most sought-after skills in today's tech industry by top industry experts.



### TA Hours Personal Mentorship

Clear all your doubts during the teaching assistant sessions.



### Industry relevant Project taught by Industry Experts

Learn and apply concepts to industry projects and work on a minicapstone project along with personalized industry mentorship.



### **Easy Referral Option**

Easy (free) deferral option to the next cohort in case you face time commitment issues (due to personal reasons, office workload, etc.).



The best mentors



**Multiple Hands-on Sessions** 

### PROGRAM HIGHLIGHTS



**Assured Job Opportunities** 



Access to Career Center from Day-1



**Dedicated Student Success Mentor** 



4+ Practical Hands-on projects



Career Coaching (CV, motivational interviewing)

**12 Industry Readiness Exams for Job Readiness** 



No Cost EMI options available



**Practice Coding Tests & MCQs** Each module has coding exercises to give you hands-on experience to reinforce the learnings from this bootcamp

### INDUSTRY EXPERTS



Deepesh Paliwal Founder & Director, Dazzler



Chandra Shekhar Sahu Founder & Director, Dazzler



Ram Singh Charan UI/UX Designer, Dazzler



Praveen Malav Software Developer, Dazzler



Bhaskar Bhardwaj Web Developer, Dazzler



Balram Suman Web Developer, Dazzler

### PROGRAM CURRICULUM

С	Course 1: HTML		
Module Name		No. of Sessions	
•	Introduction of different Web Technology	1	
•	Introduction HTML, HTML Elements, HTML Attributes, HTML Heading, HTML Paragraphs,	2	
	HTML Formatting		
•	HTML Comments, HTML Styles, HTML Links,	2	
	HTML Images, HTML Tables, HTML Lists, HTML Block & Inline		
•	HTML Forms, HTML Frames, HTML Iframes,	2	
	HTML Colors, HTML Favicon, HTML Color values	2 	
•	HTML Layout, HTML Doctypes, HTML Head,	2	
	HTML Meta, HTML Class & ID, HTML Scripts		
•	HTML Entities, HTML URLs, HTML Media,	2	
	HTML Audio/Video, HTML File Paths		
٠	HTML Semantics, HTML Style Guide, HTML	2	
	Video, HTML YouTube, HTML Media Tags		
•	Syllabus Covered (HTML5)		
•	HTML5 Introduction, HTML5 New Elements,	2	
	HTML5 Video, HTML5 Audio, HTML5 Drag and	<u>_</u>	
	Drop		
•	HTML5 Canvas, HTML5 SVG	1	
•	HTML5 Geo location, HTML5 Web Storage,		
	HTML5 App Cache, HTML5 Web Workers,	2	
	HTML5 SSE HTML5 Tags		

Course 2: CSS	
Module Name	No. of Sessions
CSS Introduction, CSS Syntax, CSS Selectors, CSS How To, CSS Comments	2
• Styling Backgrounds, Styling Text, Styling Fonts, Styling Links, Styling Lists, Styling Tables	2

•	CSS Border, CSS Outline, CSS Margin, CSS	2
	Padding, CSS Height/Width	
•	CSS Box Model	1
•	CSS Units, CSS Display, CSS Positioning, CSS	2
	Floating, CSS Align	
•	CSS Combinators, CSS Pseudo-class, CSS	2
	Pseudo-element	
•	CSS Opacity, CSS Navigation Bar, CSS	2
	Dropdowns, CSS Image Gallery, Image Sprites,	2
	Attr Selectors	
•	CSS Forms, CSS Counters, CSS Website Layout, Units	2
•	CSS Specificity, CSS! important, CSS Math's	
	Function	1
•	CSS Advanced	
•	CSS Rounded Corners, CSS Border Images, CSS	2
	Backgrounds, CSS Colors, CSS Color Keywords	
•	CSS Gradients, CSS Shadows, CSS Text Effects,	2
	Web Fonts	
•	CSS 2D Transforms, CSS 3D Transforms, CSS Transitions	2
•	CSS Animations, CSS Tooltips, CSS Style Images	1
•	CSS Image Reflection, CSS Object Fit, CSS Object-	1
	position	2
•	CSS Masking, CSS Buttons, CSS pagination, CSS	
	Multiple Columns, User Interface, CSS Variables,	2
	CSS Box Sizing	
•	CSS Media Queries, CSS Flex box	2
•	CSS Responsive, CSS Grid, CSS SASS	2
•	Live Project	3

Course 3: Bootstrap		
Module Name	No. of Sessions	
• Overview of Mobile-First Design, Bootstrap4 v/s	1	
Bootstrap5		
CSS3 Media Queries, Downloading Bootstrap	1	
• Customizing Bootstrap, Adding Custom CSS to	2	
Bootstrap		
Bootstrap Grid System	2	
Bootstrap Typography, Colors, Tables, Images	1	

Bootstrap Components	1
• Accordion, Alert, Badge, Breadcrumb, Buttons,	2
Card, Carousel	
Bootstrap Collapse, Dropdowns, List	2
group, Modal, Navbar, Naves & Tabs,	
Offcanvas	2
Pagination, Placeholders, Popovers, Progress,	_
Scroll spy, Spinners	1
Spinners, Toasts, Tooltips	1
Bootstrap Utilities, Bootstrap Flex	1
Bootstrap Forms	1
Bootstrap Forms Validation	1

Course 4: JavaScript		
Module Name	No. of Sessions	
JavaScript Introduction	1	
JavaScript Implementation	1	
JavaScript Comments	1	
JavaScript Variables	1	
JavaScript Data Types	1	
JavaScript Operators	1	
JavaScript Conditional Statements	1	
JavaScript Alert Box	1	
JavaScript Confirm Box	1	
JavaScript Prompt Box	1	
JavaScript Functions	2	
JavaScript Loops	1	
JavaScript Arrays	5	
JavaScript Objects	2	
JavaScript String Methods	1	
JavaScript Number Methods	1	
JavaScript Math Methods	1	
JavaScript Date Methods	1	
• JavaScript DOM	5	
JavaScript BOM	2	

Course 5: Backend Development with Node.js		
Module Name	No. of Sessions	
Introduction to Node.js	5	
Setting up a Node.js environment	1	
Node.js Modules	1	
Asynchronous Programming (Callbacks, Promises, Async/Await)	3	
Express.js Framework	1	
Middleware	1	
RESTful API Design	2	
Handling HTTP Requests and Responses	1	
Error Handling	2	
File Upload and Handling	2	
Authentication and Authorization (JWT)	1	
CORS (Cross-Origin Resource Sharing)	1	
Testing (Mocha, Chai, Jest)	1	
Database Interaction with MongoDB	3	
Data Validation and Sanitization	2	
Security Best Practices	2	
• Deployment and Hosting (e.g., Heroku, AWS, or DigitalOcean)	3	

Course 6: Frontend Development with Angular		
Module Name	No. of Sessions	
Introduction to Angular	5	
Angular CLI	1	
Comments in PHP	5	
Components and Templates	1	
Data Binding	3	
Directives and Pipes	1	
Services and Dependency Injection	1	
Routing and Navigation	2	
Forms and Validation	3	
HTTP Client for API Integration	1	
State Management	2	
Authentication and Guards	1	
Angular Modules and Lazy Loading	3	
Internationalization (i18n)	1	

•	Testing Angular Applications	2
•	Angular Best Practices and Patterns	1
•	Security Best Practices	2

Course 7: Databases and Data Modeling		
Module Name	No. of Sessions	
MongoDB Fundamentals	2	
• Data Modeling with MongoDB (Mongoose)	2	
Indexing and Query Optimization	1	
Aggregation Framework	1	
NoSQL vs. SQL Comparison	3	
Schema Design	1	
Connecting Angular and Node.js	2	
• Making API Requests from the Angular Frontend	2	
Consuming APIs in Angular Components	1	

Course 8: Project Development	
Module Name	No. of Sessions
• Build a CRUD application (e.g., a task manager or a simple social media platform)	8
• Implement real-time features (e.g., chat or notifications)	9
• Deploy the project to a hosting platform	8
• Collaborate with a team using version control	7

Disclaimer: Program curriculum is subject to change basis inputs from the institute and experts. Please refer to the website for update details, or speak to our Admission Counsellors.

### PROGRAM DETAILS

### DURATION 7 Months

**ELIGIBILITY:** 

• Bachelor's Degree with 50% or equivalent passing marks.

TIME COMMITMENT 40- 48 hrs./week

PROGRAM FEES INR 48,000/-(Inclusive of GST)

### FOR ADMISSIONS, VISIT:

https://dazzlersoftware.com/mean-stack-development/

### **ADMISSION PROCESS:**

**STEP 1** 

Apply online on above URL.

**STEP 2** 

Begin your enrolment process **STEP 3** 

Start your preparations

### FOR FURTHER DETAILS, CONTACT:

⊠ dazzlersoft@gmail.com

😂+91 8769455933

### We are available 24\*7

Disclaimer: Program fee and payment options are subject to change. Please refer to the website for updated details or speak to our admission counsellor.



COMPANY INFORMATION Dazzler Software Private Limited 54 B, Near Bank of Baroda, Sector-B, Shrinath Puram Kota, Rajasthan - 324010 dazzlersoft@gmail.com | +91 8769455933