



Aeeron Academy

AN ISO 9001:2015 CERTIFIED

About US

Welcome to Aerion Academy, a leading training and development institution focused on providing quality education and skills enhancement programmers to individuals and organizations.

Established in March 2022, Aerion Academy is a registered MSME organization and ISO 9001:2015 certified, which highlights our commitment to quality and excellence in everything we do.



Our Founder and Lead Instructor, Piyush Chaturvedi Sir (Software Engineer Specialized in “Full Stack Web Development”), brings with him 17 years of experience in the IT industry, along with a wealth of knowledge and expertise in various domains. He holds an 'O' Level certification from the DOEACC Society, a Microsoft Certified Technology Specialist (MCTS) certification, and a Certified Information Security Expert (CISE), among other qualifications.



Course Name & Duration

Software Engineer Specialization

in

“FULL STACK WEB DEVELOPMENT”

12 Months

(9 Months Course + 3 Months Internship)



I. Introduction to Web Development

- a. HTML and CSS basics
- b. Introduction to JavaScript
- c. Web development tools and environment setup



II. Front-End Development

- a. ReactJS front-end frameworks
- b. Responsive web design



Tailwind CSS

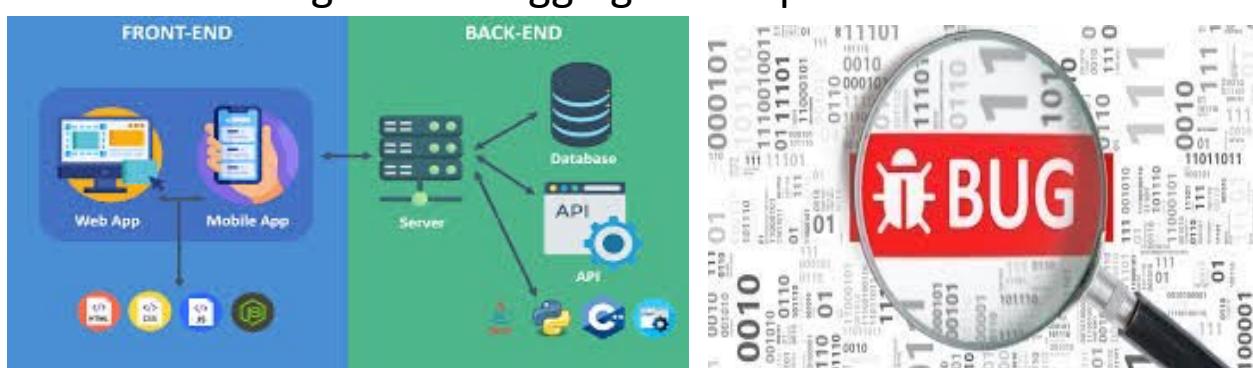
III. Back-End Development

- a. Node.js and Express
- b. RESTful API design
- c. Database integration (e.g., MongoDB, MySQL)



IV. Full-Stack Web Development

- a. Integrating front-end and back-end components
- b. Deployment and hosting strategies
- c. Testing and debugging techniques



V. Project Work and Hands-on Learning

- a. Collaborative project development
- b. Version control and team workflow
- c. Developing a portfolio of web development projects



Career opportunities in full stack web development

Full-stack web development is a sought-after skill in the job market, and there are many careers' opportunities

1. **Front-End Developer:** Front-end developers are responsible for designing and developing the user interface, layout, and functionality of web applications using HTML, CSS, JavaScript and frameworks like React. The **average salary** in India ranges from ₹ 4– 8 lakh per annum.
2. **Back-End Developer:** Back-end developers are responsible for managing and processing data, handling server-side logic, and ensuring smooth data exchange between the front-end and databases. They work with server-side languages like JavaScript (Node.js), Python, Java and database systems such as MongoDB, MySQL and PostgreSQL. In India, the **average salary** for a back-end developer ranges from ₹ 5 – 10 lakh per annum.

3. Technical Lead: Technical leads are responsible for managing a team of developers and ensuring the successful completion of projects. They have a strong technical background, they handle project management, code reviews, and troubleshooting. In India, the **average salary** ranges from **₹ 12 – 20** lakh per annum.

4. Freelance Developer: Freelance developers work independently on a project-by-project basis for various clients. They have the flexibility to choose the projects they want to work on and set their own schedule. In India, freelance developer can earn anywhere from **₹ 3 – 12** lakh per annum, depending on experience, skills, and the number of projects.

5. Full-Stack Engineer: Full-stack engineers are responsible for managing the entire development process from start to finish. They have a comprehensive understanding of both front-end and back-end development, working with languages like HTML, CSS, JavaScript, Node.js, Python and databases like MongoDB and MySQL. In India, the average salary for full-stack engineers ranges from **₹ 6 – 12** lakh per annum, with top professionals earning **₹ 20** lakh or more.

Overall, full-stack web development offers a wide range of career opportunities, from entry-level positions to senior-level roles. With the increasing demand for web applications and digital solutions, the job market for full-stack web developers is expected to continue growing in the coming years.

Benefits of taking the course

Flexibility:

Online courses provide flexibility in terms of time and location. Students can access the course material and complete assignments at their own pace and from anywhere with an internet connection.



Comprehensive Curriculum:

Full-stack web development courses cover a front-end and back-end development, database integration, and deployment. By completing such a course, students acquire a comprehensive understanding of the different components involved in web development.

Hands-on Learning:

Many online courses offer hands-on learning opportunities, such as group projects and coding exercises. These experiences help students apply the concepts they learn in class and build their coding skills.



Access to Expert Instructors:

Online courses often have expert instructors who have real-world experience in the field. Students can benefit from their expertise and ask questions to clarify their doubts.



Cost-effective:

Online courses are often more cost-effective than traditional classroom courses, as they don't require the expenses of travel or room and board.



Personalized Learning:

Online courses often offer personalized learning experiences, such as one-on-one tutoring or customized lesson plans. This helps students learn at their own pace and focus on the areas where they need the most help.



Thank You