

SHRIYANSH AGARWAL

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Skills

Technical Skills: Java, SpringBoot, MongoDB, Express.js, Node.js, JavaScript, PostgreSQL/SQL,

Certification: AWS Cloud Practitioner, Web Development by IBM, Applied Machine Learning with Python

Education

- **Vellore Institute of Technology, Bhopal** (Sep 2021 – Ongoing)
Bachelor of Technology
CSE (AI and ML) - 8.87/10
- **Sanskar Public School, Gwalior** (Apr 2020 - Jul 2021)
Higher Secondary Education - 86.4%
- **Little Angels High, School, Gwalior** (Apr 2018 - May 2019)
Secondary Education - 83.8%

Work Experience

Web Developer Intern, Baoiam Innovations, Aligarh (Feb 2023 - Mar 23)

- Engineered a high-performance, responsive front-end interface using HTML, CSS, and JavaScript; enhanced user engagement through creative UI/UX innovations leveraging HTTP protocols and RESTful design principles.
- Worked with cross-functional teams to understand business requirements, translate them into effective technical solutions, and integrate comprehensive testing methodologies significantly enhancing user engagement.
- Developed individual web pages according to the business requirements, integrating them into a cohesive single-page application (SPA) that seamlessly merged with the main website, improving overall site functionality and increasing user engagement.

Projects

JournalNest (Feb 2025-ongoing)

- Developed a robust Spring Boot application with MongoDB, where users can post their journals. Implemented RESTful APIs for efficient CRUD operations and ensuring seamless database interactions.
- Integrated comprehensive logging, exception handling, and input validation to enhance application reliability and maintainability. Utilized Postman for API testing & debugging, optimizing performance and smooth data retrieval.
- Tech Stack: Spring Boot, MongoDB, Java, REST APIs, Postman

MediConnect (Mar 2024 – Jun 2024)

- Developed a scalable doctor appointment system with real-time availability checks and automated troubleshooting, allowing patients to book appointments seamlessly with a 2-click system, eliminating previous scheduling difficulties.
- Used Postman for API testing & debugging for automated email confirmations, appointment reminders, and telehealth integration through client-facing web services, significantly enhancing the patient experience.
- Tech Stack: HTML & CSS, JavaScript, MongoDB, Express.js & Node.js, React.js

Eat On Wheels (Sep 2023 – Nov 2023)

- Designed and executed a software application for food delivery, integrating real-time tracking with less than 1000ms latency and personalized suggestions that significantly enhanced user engagement, further refined by incorporating several innovative, feedback-driven features.
- Implemented a comprehensive tagging system that intelligently categorized menu items, significantly enhancing search efficiency, streamlining the user experience, and reducing search time by enabling faster results. Also, used CI/CD pipeline with GitHub actions & AWS CodeDeploy.
- Tech Stack: HTML5 & CSS3, JavaScript, MongoDB, Express.js & Node.js, React.js

Extra-Curriculars and Achievements

- **Fusion Club Event Management Team, Core Member** (2023)
Organized two major events, Token City and Ethnixia, attended by 250+ participants each.
- **CPCB Ideation Hackathon, Team Lead** (2023)
Led a team to develop a data-driven emissions prototype, presenting results to industry judges.