

TAMMANA KAVYASRI

Java Full Stack Developer | Software Engineer

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Summary

Results-driven Java Full Stack Developer with hands-on experience in developing scalable applications using Java, Spring Boot, Microservices, Node.js, React.js, and MySQL. Adept at building RESTful APIs, implementing secure authentication, and optimizing database performance. Currently working at AZ SoftTech, developing scalable and high-performance applications. Passionate about writing, optimizing, and debugging code while continuously enhancing technical skills.

Education

Andhra Loyola Institute of Engineering and Technology

B.Tech in Information Technology | 2016 – 2020 | Vijayawada, India

Technical Skills

- **Programming Languages:** Java, JavaScript
 - **Backend Development:** Spring Boot, Node.js, Servlets, RESTful APIs
 - **Frontend Development:** HTML, CSS, JavaScript, Bootstrap, JQuery, React.js
 - **Database Management:** SQL, MySQL, JPA/Hibernate
 - **Frameworks & Tools:** Git, JIRA, Maven
 - **Other Skills:** Agile methodologies, Problem-Solving, Team Collaboration, Time Management, Analytical Thinking
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Professional Experience

AZ SoftTech | Java Developer

- Developed and optimized full-stack applications using Java, Spring Boot, Microservices, Node.js, and MySQL.

- Designed and implemented REST APIs for efficient communication between microservices.
- Built scalable web applications with React.js, HTML, CSS, Bootstrap, jQuery, and JavaScript.
- Worked in Agile environments, participating in sprint planning, stand-ups, and retrospectives.
- Collaborated with cross-functional teams to analyse business requirements and deliver software solutions.
- Successfully transitioned from UPSC preparation to software development through self-learning and intensive training in Java Full Stack Development, securing a Java Developer role at AZ SoftTech.

Credencer Technologies | Intern – Web Development & Full Stack Training

- Developed and customized responsive websites using WordPress and Hostinger Website Builder to meet business requirements.
- Contributed to frontend development using HTML, CSS, JavaScript, and Bootstrap for landing pages and internal tools.
- Gained hands-on experience in backend development with Node.js, Spring Boot, and MySQL, focusing on building APIs and data integration.
- Assisted in building and testing full-stack modules, enhancing features like user authentication, admin panels, and form submissions.
- Collaborated with design and development teams using tools like GitHub and Microsoft Teams to manage tasks and version control.
- Participated in weekly upskilling sessions covering Google Workspace tools, LinkedIn branding, and professional communication.

Projects

User Authentication and Registration System

Tech Stack: JSP, Servlets, MySQL, JDBC, HTML, CSS, JavaScript, Bootstrap, JQuery

- Built a secure web-based authentication system with user registration, login, and session management functionalities.

- Implemented SHA-256 password hashing and session-based access control to enhance application security.
- Prevented duplicate entries and ensured data integrity through validation logic and optimized database queries.

Employee Management System

Tech Stack: Node.js (Express), MySQL, EJS, Multer, Nodemailer, PDFKit

- Developed a dynamic full-stack application for managing employee data, photos, and contact information.
 - Integrated image upload functionality using Multer, and automated PDF report generation using PDFKit.
 - Configured Nodemailer to send personalized welcome emails with employee details and attachments.
 - Built modular and reusable backend routes to handle CRUD operations efficiently with EJS-based frontend.
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Certifications

- Java Programming and Development Certificate
 - Full Stack Web Development Certification
 - SQL for Data Analysis Certification
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Core Competencies

- Strong problem-solving and analytical skills
- Excellent teamwork and collaboration in Agile environments
- Ability to quickly adapt to new technologies and frameworks