Prajwal P

Full Stack Developer | Software Engineer

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PROFESSIONAL SUMMARY

Full-stack developer with 1+ year of experience specializing in Java, RESTEasy, MongoDB, data structures, algorithms, and object-oriented programming (OOP) principles. Well-versed in operating systems, system design, and computer networks. Developed scalable web applications that solve real-world problems through frontend and backend integration. Hands-on experience in building RESTful services and API design in Java. Skilled in building microservices and implementing CI/CD pipelines with Jenkins to automate deployments. Demonstrated ability to adapt to new technologies while following Agile methodologies in the SDLC.

CERTIFICATIONS

Core Java Made Easy (Covers the latest Java 18) | *Udemy*   *Feb 2024*
The Complete 2024 Web Development Bootcamp | *Udemy*   *April 2024*

TECHNICAL SKILLS

Languages : Java, JavaScript, TypeScript, C#, SQL, LaTeX
Libraries : React.js, Next.js, Node.js, Express.js, Spring Boot, Mongoose, Bootstrap, Tailwind, RESTEasy
Database : MySQL, PostgreSQL, MongoDB, Firebase
Others : Git, GitHub Actions, GitLab, Jenkins, CI/CD, Maven, JUnit, REST APIs, Soap UI, Postman, OS, Computer Network

PROFESSIONAL EXPERIENCE

Systems Engineer C1 – Tata Consultancy Services   *Bengaluru, India | June 2023 – Present*
  – Specialize in back-end development and **RESTful services**, with experience in building REST APIs using Java and RESTEasy and **deploying microservices within Linux environments** for optimized infrastructure. Used Maven and JUnit for project management and testing, as well as implementing **CI/CD pipelines** with Jenkins for continuous delivery. Expertise in troubleshooting, integration, and addressing critical defects under tight deadlines. Collaborated with clients, solution architects, and technical leaders to deliver innovative solutions, ensuring high system availability and performance.
  – Skilled in Java, data structures, OOP principles, and databases, with hands-on experience in integrating web services for seamless communication. Expertise in SonarQube for code quality analysis, achieving over **95% code quality**. Proficient in integrating **realex payment services** and utilizing MongoDB for NoSQL database management. Adept at cross-functional collaboration, working closely with teams to ensure clear communication and alignment throughout project phases.

Web Developer Intern – Exposys Data Labs   *Bengaluru, India | Oct 2022 – Dec 2022*
  – Created a full-stack **movie review platform** utilizing Java, *Spring Framework*, React.js, and MongoDB. Oversaw endpoint creation, configuration management, dependency handling, and environment variable setup.
  – Gained expertise in various Java frameworks, **server-side operations**, client-server inter-process communication, advanced problem-solving, code review, and software development best practices, and performance optimization.

Software Developer Intern – Kennametal India Limited   *Bengaluru, India | Aug 2022 – Sep 2022*
  – Developed a **C# console application** to collect and analyze **license usage data** in AccessDB, enhancing utilization by **98%**. Implemented an automated **server solution** running every 60 minutes, optimizing **license management**.
  – Expertise in crafting, reviewing, and optimizing code using **C#**, .NET, text mining, regular expressions (Regex), Task Scheduling, Batch Programming, and VBScript and advanced debugging techniques for improved performance.

EDUCATION

BE in **Computer Science** and **Engineering**   **JSSATE, Bengaluru** | CGPA: 8.45   *Bengaluru, India*

PROJECTS

Happenify | *Next.js, Node.js, Express.js, TypeScript, MongoDB, Tailwind, Stripe, Zod, Uploadthing* | Source Code
  – Developed a comprehensive event organization web app like Eventbrite with **CRUD operations** for event management, ticket purchasing, and creation, including **authentication (OAuth)**, caching, search, filtering, categories, checkout, and payments. Utilized Next JS 14, React Hook Form, Shadcn, Mongoose, and Clerk.

Care Taker | *MERN stack, TypeScript, JavaScript, Zod, Passport.js Google-OAuth, Tailwind CSS, Mongoose* | Source Code
  – A community-focused platform that **connects individuals** with **orphanages** and **old age homes**, facilitating visits, donations, event organization including volunteer sign-ups, resource sharing, virtual tours, and educational programs. The platform enables users to engage in fundraising, birthday celebrations, and awareness campaigns.

Chat App | *React.js, Node.js, Express.js, JavaScript, Socket.io* | Source Code
  – Developed a **real-time chat application** showcasing expertise in **implementing web sockets** for seamless user communication, ensuring a smooth and interactive experience. Utilized React.js for the front end and Node.js with Socket.io for the back end, demonstrating proficiency in both front-end and back-end technologies.

Movie Review Application | *Spring Boot, React JS, Node JS, Java, Bootstrap, MongoDB, Javascript* | Source Code
  – Developed a movie review application enabling users to **add and view reviews**, incorporating endpoint creation, **configuration management**, dependency handling, environment variable setup, and testing. Utilized MongoDB for data storage, Java and Spring Boot for backend development, Postman for API testing, and React.js for the front end.