Prajwal P

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PROFESSIONAL SUMMARY

Computer Science and Engineering graduate passionate about crafting exceptional websites. Leveraging strong technical skills, embracing lifelong learning. Proven adaptability to new technologies committed to excellence in full-stack development. Proficient in Data Structures, Algorithms, and Object Oriented Programming principles, delivering innovative solutions.

CERTIFICATIONS

Core Java Made Easy (Covers the latest Java 18) │ *Udemy*   *Feb 2023*
The Complete 2024 Web Development Bootcamp │ *Udemy*   *March 2024*

TECHNICAL SKILLS

Languages : Java, C#, JavaScript, TypeScript, SQL, HTML, CSS
Libraries and Frameworks : ReactJS, NextJS, NodeJS, ExpressJS, Bootstrap, Tailwind
DevOps and API Tools : Git, Github, Gitlab, Docker, Postman, Soap UI
Database : MySQL, MS-SQL, MongoDB, Microsoft Access, Firebase
Tools : Putty, Linux, AIX, FileZilla, Microsoft Excel

EXPERIENCE

Systems Engineer C1 │ *Tata Consultancy Services*   *June 2023 –Present*
  – Currently employed at Tata Consultancy Services as a C1 Systems Engineer, specializing in website and mobile application planning and development.
  – Administered 24 critical applications including databases, Elastic Search, and Chatbot, resulting in a **97%** improvement in User Experience, while reducing webchat query wait times to under **10 seconds** .
  – Proficient in Linux, AIX, Soap UI, SQL Developer, Excel, Putty, and FileZilla. Utilized Java, Data Structures, OOP principles, and SQL for programming and optimization. Currently expanding skill set with Angular framework.

Software Developer Intern │ *Kennametal India Limited*   *August 2022 – September 2022*
  – Piloted the development of a console application in C# aimed at collecting and analyzing license usage data, effectively enhancing license utilization by **94%** across 67 licenses.
  – Expertise in crafting and meticulously reviewing code employing various technologies such as C#, .NET, Text Mining, Regular Expressions (Regex), Task Scheduling, Batch Programming, and VBScript.
  – Implemented an automated solution deployed on servers, scheduled to execute every 60 minutes, optimizing license management and utilization.

Web Developer Inter │ *Exposys Data Labs*   *September 2022 – November 2022*
  – Built a full-stack movie review application using Java and Spring Boot for the back end, React for the front end, and MongoDB for the database.
  – Managed critical aspects including **endpoint creation, configuration management, dependency handling, environment variable setup, testing, and front-end development.**
  – Gain expertise in Java frameworks, server-side operations, and problem-solving during this internship.

EDUCATION

JSSATE, Bengaluru   **BE in Computer Science and Engineering** │ CGPA: 8.45   *June 2019 – June 2023*

PROJECTS

License Usage Management │ *C#, NET, Text Mining, Regex, Task Scheduling, Batch programming, VB Script*   *Sep 2023*
  – The Console Application uses C# programming for server retrieval and regex functions for text mining, **efficiently extracting data and storing** it in a Microsoft Access database linked to Power BI for **visualization** .
  – Task scheduling automates data retrieval and processing tasks, improving efficiency and productivity by **eliminating manual intervention** and **reducing human error** , improving license utilization by **94%** across 67 licenses.

Happenify │ *Node.js, Next.js, TypeScript, TailwindCSS, Stripe, Zod, React Hook Form, Shadcn, uploadthing* │ *Link*   *Feb 2022*
  – Next.js 14 in all-in-one events platform, enabling seamless **CRUD operations** with Node.js and TypeScript. Utilized **Stripe for effortless payments** , manage events, purchase tickets, and initiate your own.
  – Enhanced interactions with React Hook Form and TailwindCSS. Ensure robust **validation and image uploads** with Zod, Uploadthing, and Shadcn.

Movie Review Application │ *Java, Javascript, Springboot, React JS, MongoDB*   *October 2023*
  – Full-stack development of a movie review application that covered critical aspects like **endpoint creation, configuration management, dependency handling** , environment variable setup, testing, and front-end development
  – Leveraged MongoDB for the database, Java and Spring Boot served as the backend, Postman for API, and React was employed for the front end .

Chat Application │ *Javascript, Socket.io, React JS, Node JS* │ *Link*   *October 2023*
  – Developed a **real-time** chat application utilizing React for the front end and NodeJS with Socket.io for the back end, showcasing proficiency in both front-end and back-end technologies.
  – Demonstrated **expertise in implementing web sockets** for seamless, instantaneous communication between users, ensuring a smooth and interactive user experience.