

Sujan Mahat

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ABOUT ME

I am a results-driven Software Engineer with a passion for crafting robust and efficient solutions. Specializing in frontend technologies like HTML, CSS, and JavaScript, I seamlessly integrate user-centric designs with powerful backend systems using Node.js and MongoDB. Proficient in state-of-the-art tools such as Redux for seamless state management and JSON Web Tokens (JWT) for robust security implementations. My commitment to excellence extends to mastering advanced technologies like Kafka, Redis, Docker, AWS Lambda, and CI/CD pipelines, with a keen focus on optimizing backend services.

KEY COMPETENCIES

Skills

- Proficient in JavaScript, Python, and Typescript.
 - Experienced in frontend technologies such as HTML, CSS, and JavaScript. Skilled in backend development with Node.js, Express.js, and MongoDB.
 - Familiar with React, Redux, Vue, Tailwind and Bootstrap for frontend development.
 - Proficient in SQL and MongoDB, with experience in database design and management.
 - Experienced in using Git for version control and collaborative development on platforms like GitHub.
 - Familiar with AWS, including AWS Lambda, S3, and EC2, for cloud deployment.
 - Experienced in Docker for containerization and CI/CD pipeline for automated deployment.
 - Acquired skills in Kafka for messaging, Redis for caching, and problem-solving skills for efficient software development.
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PROFESSIONAL EXPERIENCE

JB Metropolitan Canberra

Aug 2024 – Present

Data Analyst/ IT Support

Aim to provide customers with first class service, expert advice, as well as competitive pricing for their stock in a hassle free and expeditious manner, with an assurance of product quality preservation.

Accomplishments:

- Efficiently mapped products and customers using Excel, improving data accuracy and organization within the company.
- Automated repetitive data analysis tasks with Python, boosting productivity and reducing manual workload.
- Provided prompt IT support, minimizing system downtime and ensuring smooth daily operations for all staff.
- Created detailed Excel reports, enabling better data-driven decisions and improving visibility into key business metrics.

- Streamlined data handling and IT processes, enhancing overall workflow efficiency and reducing process bottlenecks.

REBB TECH PTY LTD, Rockdale, NSW

Jan 2024 – March 2024

Junior Software Developer, Unpaid Internship

Innovating globally, we empower through cutting-edge software development, prioritizing customer satisfaction, embracing sustainability, and inspiring the next generation of tech leaders.

Accomplishments:

- Implemented a user-friendly interface for the library management system, resulting in a 20% increase in user satisfaction and engagement.
 - Developed a robust backend system using Node.js and MongoDB, allowing for efficient data storage and retrieval, leading to improved system performance.
 - Integrated a book recommendation feature based on user preferences, resulting in increased book borrowing and user interaction with the system.
 - Enhanced the system's security by implementing encryption techniques, reducing the risk of unauthorized access and data breaches.
 - Conducted performance optimizations and bug fixes, resulting in a decrease in system downtime and an improvement in overall system reliability.
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ACADEMIC QUALIFICATIONS

King's Own Institute, Sydney, NSW

March 2021 - March 2023

Bachelor of Information Technology

- Successfully completed a comprehensive capstone project, showcasing proficiency in Full Stack Development, including HTML, CSS, JavaScript, React, MongoDB, and Node.js. Date: May 2023. Achieved
 - recognition for outstanding performance in Java programming, demonstrating advanced skills in developing robust and scalable applications.
 - Received commendation for excellence in NetBeans project management, ensuring efficient project planning and execution.
 - Contributed to a collaborative Human-Computer Interaction project, resulting in the design of user-centric interfaces for optimal user experiences.
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SOFTWARE DEVELOPER TRAINING

Dented Code Academy, Sydney, Australia

July 2023 – Dec 2023

MERN-Stack Developer

- Completed Dented Code Academy's Full Stack Development program, gaining practical experience in HTML, CSS, JavaScript, React, MongoDB, and Node.js.
- Implemented Redux for state management in web applications, showcasing the ability to efficiently manage and synchronize complex application states.
- Integrated JSON Web Tokens (JWT) for secure authentication and authorization, enhancing the security of web applications.
- Utilized Tailwind CSS for efficient and responsive styling, demonstrating proficiency in modern CSS frameworks.
- Demonstrated version control skills using Git, maintaining clean and collaborative codebases throughout the development process.
- Successfully executed multiple hands-on projects, showcasing practical application of acquired skills in real-world scenarios.

- Developed proficiency in both frontend and backend technologies, showcasing versatility in web development.
- Received recognition for outstanding performance and commitment during the Full Stack Development program.