

# SUMANTA MANDAL

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<https://www.linkedin.com/in/sumanta-mandal-45385a131/>

<https://sumanta-mandal.github.io/Portfolio/>

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## SUMMARY

A software engineer with 5+ years of experience in building responsive web applications. Skilled in React, TypeScript, HTML, CSS, SQL, Node.js, and Python, with expertise in Git and Agile methodologies. Proficient in designing scalable solutions, adhering to best practices, and optimizing performance for seamless user experiences.

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## WORK EXPERIENCE

### Software Engineer, Celestial Systems

MAY 2022 - Present

- Led development boosting project efficiency by 30% through agile sprint cycles..
- Enhanced functionality with Highcharts, AG Grid, and Material UI, improving UI/UX in 3 applications and increasing user satisfaction by 25%.
- Optimized API calls, reducing latency by 15%, and improved performance and usability, leading to a 20% rise in user retention.
- Developed a RAG (Retrieve-Augment-Generate) system using Azure OpenAI to efficiently extract and process information from bank details.

Skills Used: React.js, React Hooks, AG Grid, Highcharts, Node.js, Redux, Redux-saga, State Management, JavaScript, Typescript, GIT, HTML5, CSS3, SQL, PostgreSQL, Python, Azure.

### Implementation Associate, LogicNColor(Granicus)

NOV 2020 - May 2022

- Contributed to the development of a highly customized and user-friendly CMS, focusing on implementing robust functionality, seamless navigation, and intuitive user interfaces.
- Boosted transaction efficiency by 30% through Stripe payment integration, streamlining application processing.
- Optimized database performance by proficiently handling complex queries and stored procedures, enhancing overall system functionality.

Skills Used: React, Node.js, SQL, CSS, LESS, Git, JavaScript, HTML.

### Web Developer, Zauca Consultancy

JAN 2020 - SEP 2020

- Led development on WordPress projects, delivering high-quality website solutions that exceeded client expectations
- Enhanced website engagement by 15% through custom CSS and JavaScript implementations.
- Integrated multiple third-party plugins, extending website capabilities to better meet client needs.

Skills Used: HTML, CSS, JavaScript, Wordpress, PHP.

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## EDUCATION

2014 -2018

### Bachelor of Technology in Mechanical Engineering

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## TECHNICAL SKILLS

React.js, React Hooks, AG Grid, Highcharts, Node.js, State Management, JavaScript, TypeScript, HTML5, CSS3, LESS, Git, SQL, PostgreSQL, Python, WordPress, PHP, Azure.

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## LANGUAGES

English  
Hindi  
Bengali