

Vaibhav Agarwal

Software Engineer

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Profiles

vaibhava17

vaibhava17

heyvybav

Experience

Solfin

Jan 2025 - Present

Software Development Engineer II

https://www.solfin.co.in

- Developed scalable UI components in React and integrated APIs to streamline solar loan application workflows.
- Built and fine-tuned an internal LLM wrapper to extract data from documents and auto-generate loan applications.
- Automated document processing, reducing manual effort by 70% and accelerating application creation.
- Improved internal tool efficiency by optimizing LLM prompts and refining system integration flows.

TalentXO

Sept 2023 - Dec 2024

Software Development Engineer I

https://talentxo.com

- Designed and developed scalable backend and frontend features using React and Python, resulting in a 30% improvement in application performance metrics.
- Integrated APIs, enhancing system interoperability and improving user experience by reducing integration time by 40%.
- Provided critical support during deployment, achieving 99.9% uptime and reducing average bug resolution time by 50%.
- Managed and prioritized tasks, ensuring timely delivery of 5 new features and 30 bug fixes per sprint.
- Conducted 100+ hours of thorough manual testing, resulting in a 95% reduction in post-deployment issues.
- Executed 500+ SQL queries for data manipulation, improving data accuracy and reliability by 98%.
- Identified and implemented 5 process improvements, increasing team efficiency by 15%.

Guni SMS

Dec 2021 - Sept 2023

Frontend Engineer

https://gunisms.com.au

- Developed responsive UI components using React, improving user engagement metrics by 20% based on analytics data.
- Collaborated with backend teams to integrate APIs, reducing integration time by 30% and improving data exchange efficiency.
- Led a team of 4 developers, providing mentorship and achieving a 95% on-time project completion rate.
- Coordinated with 3 cross-functional teams to define and implement frontend requirements, ensuring alignment with project goals.
- Identified and fixed bugs reported by QA teams, resulting in a 70% decrease in pre-release issues per sprint.
- Deployed frontend applications to staging and production environments multiple times, ensuring minimum downtime and seamless releases.
- Assisted in backend development with Node.js, contributing to a 15% improvement in overall development process efficiency.

Skills

Frontend

HTML, CSS, JavaScript, React, Bootstrap, Responsive Design, TypeScript, API Integrations, Redux, MobX, React Hooks, React Router, Tailwind CSS, Next.js, Higher-order components

Backend

Flask, FastAPI, Python, SQLAlchemy, Cookie Management, MySQL, CI/CD, Deployment, Node.js, Socket.io, JWT, Mongoose, MongoDB, Express.js, Model-View-Controller

Tools

Git, Chrome DevTools, PyCharm, MySQL Workbench, MongoDB Compass, Postman, VSCode, Linux, AWS, Google Cloud Platform, Gitlab, JIRA

Volunteering

WebPaage Technologies Developer	Bareilly	Google Developer Student Clubs Developer	Chandigarh
Miss Audio Video Developer	Delhi	Magic Exports Developer	Panipat

Education

Shri Siddhi Vinayak Group Of Institutions

B. Tech. in Computer Science
Graduated 2022

Indian Institute of Technology Mandi

Minor in Computer Science Engineering
Sept 2024 - Present

Certifications

Project Engineer Internship Wipro Ltd.	2022	Node.js Developer Course Udemy	2022
Django using Python CETPA Infotech	2020		

Languages

Hindi Native	English Intermediate
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Projects

Talent Partner Dashboard https://talentxo.com	Guni SMS https://app.gunisms.com.au
Magic Exports https://magicexports.in	Motoworld Website https://manaliladakhmotoworld.com/
Club Events Handler https://intense-shelf-96174.herokuapp.com/	