

Hopansh Gahlot

Software Engineer

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Summary

Full Stack Developer with over 3 years in the FinTech industry, specializing in React and proficient in back-end development with Node and Flask. Utilizes technology to overcome complex challenges and deliver user-centric solutions.

Work experience

Associate Software Engineer 2 - Highradius (Hyderabad)

January 2024 – present

- Innovated a **Chat-based Data Visualization & Support application** using **React and OpenAI** technology, streamlining data analysis through natural language input. Integrated **RAG utility** with chatbot, decreasing ticket raise count by 30%, thereby improving customer satisfaction.
- Integrated **real-time chat functionality**, allowing end-users to connect with live agents, cutting response times by 40% and increasing query resolution rates.

Associate Software Engineer 1 - Highradius (Hyderabad)

July 2022 – January 2024

- Upgraded a **data visualization** web application, incorporating visualization components like Line, Bar, and Pivot table charts. **Optimized user interfaces** for optimal user experience and performance, reducing visualization component latency by 10%.
- Created and integrated **RESTful APIs** to connect front-end services with various back-end systems, adding functionalities for downloading reports in formats such as Excel, PPT, and PDF and streamlining import/export features that reduced redundant dashboard creation steps by up to 90%.
- Reviewed code, debugged issues, and **implemented performance improvements**, achieving a 20% reduction in bugs through **Jest** test cases.

Intern - Highradius (Bhubaneswar)

June 2021 – July 2022

- Acquired foundational skills in web development by working on multiple (4+) projects, using technologies such as **HTML, CSS, JavaScript, TypeScript, React-JS, High-Charts, Material-UI and Node-JS**. Learned version control systems like **git**, and agile methodologies.
- Developed skills in frontend and backend technologies, contributing to the Autonomous Collection Product's **UI development and deployment** of an **AI-enabled B2B cloud application** for the financial sector.

Education

- **Bachelors of Technology in Information Technology**,
Kalinga Institute of Industrial Technology, Bhubaneswar (2018 – 2022)

Skills

Frontend	HTML, CSS, JavaScript. TypeScript. React, Material UI, Ant Design
Backend	NodeJS, Python, Flask
Database	MySQL, MongoDB
DevOps	Docker, Git, GitHub Actions, Google Cloud Program
Testing	Jest, React Testing Library

Projects

- [**ACADMIK:**](#) AI-powered quiz generator react app using llama3-8b LLM model.
- [**GIGGLE MATRIX:**](#) React app for downloading AI-generated images, using Pinecone and image feature extraction LLMs.
- [**CHAT2CHART:**](#) Web app for plotting charts on data using text prompts powered by OpenAI.
- [**ED. ADDRESS:**](#) Web app for posting or finding tuition (MERN Stack Project).
- [**CSS ARITH:**](#) NPM TypeScript library for arithmetic operations on different CSS units.
- [**SCENEIT:**](#) NPM React library to simulate websites/web applications at specific resolutions.

Achievements & Interests

- Intern of the Quarter: Q3 2021, Q2 2022
 - Employee of the Quarter: Q2 2023
 - Led a front-end development team on a high-impact project, ensuring successful delivery
 - Enjoy portrait photography and digital art as hobbies
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