

AAKASH CHAUDHARY

chaudharyakash329@gmail.com | +91-6206074227 | github.com/aakash176 | [LEETCODE PROFILE](#) | [PORTFOLIO](#)

Work Experience

Persistent Systems | Software Engineer

Jul'22 - Current

- Working as a full stack developer on a Client's Web Application.
- Designed and developed user friendly interfaces using React.js enhancing our client's overall experience. Collaborated with cross functional teams to design and develop rich, interactive dashboards and tools that enable monitoring of their confidential data.
- Effectively broke down complex UI and backend components into smaller, modular tasks with accurate estimates, ensuring timely delivery.
- Independently designed REST APIs with supporting backend using Node.js, ensuring efficient data retrieval and communication between node app, frontend app and Elasticsearch (Database).
- Contributed to high-level architectural design under guidance, ensuring the deployment of scalable and highly available components on Google Kubernetes Engine
- Created and implemented a new feature to visualize data and capable of processing millions of data
- Worked on PySpark, for processing millions of records daily and designing quarterly data processing jobs for critical business reporting.
- Leveraged expertise in JavaScript, Node.js, Express.js, React.js, Elasticsearch and google cloud to contribute to the overall success of the project.
- Chose and implemented appropriate data structures and tools, to deliver high-performance applications.

Skills

JavaScript | Node.js | React.js | MongoDB | Elasticsearch | Git | Google Cloud | Pyspark | Python | Docker | Kubernetes |

Personal Projects

Online code Editor [Live Demo](#)

Interactive and real time code editor

- Developed a web-based code editor with functionalities similar to CodePen.
- Implemented features like separate panes for HTML, CSS, and JavaScript editing
- Designed a real-time preview window to display the rendered code output.
- Utilized technologies like React, Tailwind, CSS

Online Compiler [Live Demo](#)

online compiler that runs in browser and supports three programming languages (Python, Javascript, Java).

- A web based online compiler that can be used to execute the code.
- Utilized technologies like React, Piston API, Monaco

Chat Application

real-time chat application for communication and collaboration.

- Empowered users to create a personalized chat list, enabling one-on-one conversations by seamlessly adding users to the chat list. Users can initiate private chats, fostering a more personalized and user-centric messaging experience.
- Elevated the communication experience by allowing users to create dynamic group chats.
- Leveraged the power of Socket.IO to ensure messages are sent and received in real time, providing an instant and responsive communication platform.

Academic and Extracurricular Achievements

- Actively participated in various sports including cricket, table tennis, and badminton, promoting a healthy and active lifestyle. Demonstrated teamwork, discipline, and perseverance through regular participation in sporting events
- Participated in a Hackathon organized by my current employer, showcasing problem-solving skills, creativity, and the ability to work under pressure. Collaborated with diverse teams to develop innovative solutions
- Attended GDG (Google Developer Groups) , gaining insights into the power of google cloud in the tech industry. Networked with professionals, fostering a passion for staying updated on industry trends.

Certifications

- Associate Cloud Engineer
- Cloud Digital Leader

Education

Bangalore Technological Institute, Visvesvaraya Technological University, India	2018 - 2022
• B.E. Computer Science and Engineering CGPA: 7.6/10	
Liverpool International College, Nepal	2017 - 2018
• <i>plus 2 in physical science(Class XII), Aggregate: 78%</i>	