Partik Singh

+91 781-400-1336 | partikbumrah13508@gmail.com | linkedin.com/in/partik | github.com/partik03

EDUCATION

Indian Institute of Technology   Varanasi, India
Bachelor of Technology in Computer Science and Engineering — CPI: 8.75   *2021 - 2025*

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, GoLang, Java
Frameworks: React, Node.js, Next.js, Express.js, Material-UI, FastAPI
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ

EXPERIENCE

Summer Engineering Intern   May 2024 – July 2024
JPMorgan Chase & Co.   *Bengaluru, India*
- Assisted in developing Spring Boot APIs in Java, contributing to backend functionality improvements
- Participated in creating infrastructure using Terraform, observing best practices for infrastructure as code
- Wrote Python scripts to help automate the generation of Docker and deployment files, reducing manual work
- **Exposure**: *Java, Spring Boot, Terraform, Python, Docker, Jenkins, Harness, CI/CD, Infrastructure as Code*

Student Mentee   May. 2024 – August 2024
Google Summer of Code - (C2SI)   *Remote*
- Developed RustCloud, a Rust package from scratch, enabling users to interact with multiple cloud platforms
- Implemented functions and types for Google Cloud Platform (GCP) and Amazon Web Services (AWS)
- Wrote comprehensive tests to maintain code reliability and facilitate future development
- **Exposure**: *Rust, Google Cloud Platform (GCP), Amazon Web Services (AWS), Software Testing*

Student Mentee   May 2023 – August 2023
Google Summer of Code - (SCoRe Labs)   *Remote*
- Nodecloud is an API allowing developers to interact with multiple cloud providers using a unified interface
- The project automates class generation by parsing cloud SDKs using the Typescript Compiler API.
- Implemented dummy classes, SDK parsers, Data Extraction functions, and Transformers for Oracle and Linode
- **Exposure**: *JavaScript, TypeScript, Oracle Cloud Platform, Linode Cloud Platform, TypeScript Compiler API*

PROJECTS

SnapX | *Cryptography, MetaMask Snaps, Gatsby, REST APIs, GraphQL, FaceIO*, AES
- SnapX is a MetaMask snap powered with notifications and account recovery features
- **First-of-its-kind snap** which provides a recovery feature for lost accounts using biometric authentication

Top One Percent | *Node.js, Next.js, Mongoose, Cloudinary*
- Developed a **GMAT mock exam portal**, enabling users to **simulate real exam conditions**
- Implemented an **admin portal** to **create and manage** question sets for the mock exams
- Covered all kinds of multiple choice, matching, single choice questions

HONORS AND AWARDS

- Selected as one of **1,220** Student Developers out of **43,984** applicants for **GSoC 2024** at C2SI
- Selected as one of **967** Student Developers out of **43,765** applicants for **GSoC 2023** at SCoRe Labs
- Collaborated with the team at the **Inter IIT Tech Meet 2023** to secure a **Silver Medal**
- Delivered a compelling presentation showcasing the project in front of an audience of over **1.2k+ devs** at **Metamask Community Call**
- **Core Contributor and community member** of prestigious open-source organizations like **Appwrite and Layer5**