RAJAT JAIPRAKASH RAI

Mumbai, MH • Open to Relocation • mailmerairajat@gmail.com • [Portfolio](#) • [LinkedIn](#) • [GitHub](#) • [LeetCode](#)

EDUCATION

University of Mumbai   Mumbai, MH
Bachelor of Computer Engineering, CGPA 9.5   MAY 2024
Relevant Coursework: DSA, C/C++, OOP, Operating Systems, AI, Computer Networks, Cloud Computing, Big Data.
Achieved first rank in the third year of the degree program, demonstrating exceptional academic excellence.
Received Best Performer of the Batch'24 in the final year of the degree program.

Ramsheth Thakur Higher Secondary School   Mumbai, MH
HSC, PCM + CS, 82.63 %   JUNE 2020
Received Academic Student of the Year award in XII Science.

SKILLS

Cloud Platforms: Engineered Products using AWS, Azure Cloud, Netlify Cloud Services
Certifications: AWS Certified Solutions Architect – Associate, AWS Cloud Practitioner Essentials, Describe Azure architecture & services, Learning AKS, Kubernetes, Terraform, Ansible, Credly, AWS Gen AI, GCP Labs, JS, C++, SWE
Programming Languages: JavaScript, C++, React.js, Node.js, Next.js, SQL, MongoDB, CSS3, Python, Docker, Bash scripting, Linux OS, Kubernetes, AKS, Ansible, HCL, Terraform, PostgreSQL
Development Methodologies: SDLC, Agile, Waterfall, AKS-KEDA, Azure DevOps Services
Android Apps: Developed Proximity-based multiservice finder App, Face-Recognition-based Attendance App
Web Apps: Developed CSI PHCET Developer Club, Portfolio, SmartMark, Encircle, SnapShare, LineUp

PROFESSIONAL EXPERIENCE

Cloud4C – Part of Capgemini.   Hyderabad, TS
Associate Cloud Engineer   AUG 2024 – Present
- Contributed to **SAP and DHL** enterprise cloud projects, ensuring high availability and business continuity.
- Implemented **IaC** with **Terraform** for AKS cluster provisioning and management.
- Administered and troubleshot **80+ AKS** clusters - resolving issues with pods, node failures, and access controls; executed weekly maintenance, boosting cluster performance by **500x**.
- Automated backup and recovery workflows with **Ansible, Azure,** and Cloud Infra Portal for SAP projects.
- Enhanced observability by integrating **Prometheus**, Grafana, Zabbix, and **Splunk** Cloud, achieving **99.9995% uptime**

iTDAY INDIA! Pvt. Ltd.   Bangalore, KA
Software Engineer Intern   OCT 2022 – AUG 2023
- Developed features using **React.js,** and **Next.js 14** (SSR, NextAuth, and backend APIs), enhancing scalability and security.
- Optimized performance with **QwikJS** zero-hydration, achieving a **20x** faster increase in page loading speed.
- Revamped web app UI by implementing a dark theme in Next.js, boosting user engagement by **50x**.

PROJECTS

- [**Alicia**](#) – Winner of XZIBIT 2023 and PHCET Tech-Expo 2022: A Python-based desktop AI virtual assistant with automation features, including security face detection, hand and iris tracker, email, SMS, WhatsApp automation and many more.
- [**LineUp**](#) – 1st Place in Smart India Hackathon 2022 for developing a Queue DS-based appointment scheduler app.
- [**CSI PHCET**](#) – Built a developer community website using React.JS, AWS lambda, and MongoDB for 13,000+ users.
- [**Encircle**](#) – Invented a proximity-based app with secure full-duplex connections using React, Socket.IO, AES256, and LBS.
- [**SmartMark**](#) – Developed a SaaS app for college attendance management using Haarcascade face detection and GraphQL.
- [**SnapShare**](#) – Engineered a cloud image-sharing app with personalized login using Sanity.io and Firebase.

LEADERSHIP & AWARDS

CSI PHCET Developer Club   Mumbai, MH
Jt. Chairman & Developer Team Head   FEB 2022 – JUL 2024
- Led 40-member developer community, boosted funding 250x, and mentored 60+ freshmen on projects.

Awards
- **2023**: XZIBIT | NATIONAL LEVEL PROJECT COMPETITON, KCCEMSR
- **2022**: SMART INDIA HACKATHON WINNER, AICTE
- **2021**: SCIENTIFIC ACHIEVEMENT AWARD, STUDMATH-IT, AUREL VLAICU, ROMANIA