

Rakshit Kadam

rakshitkdm@gmail.com | +1 765-532-6818 | linkedin.com/in/rakshitkadam | github.com/rakshitkadam

Education

Purdue University

Master of Science in Computer Science (CGPA: 3.80 / 4.00)

Expected Dec 2025

West Lafayette, Indiana

- **Relevant Coursework:** Algorithm Design Analysis and Implementation, Data Mining, Parallel Computing

Pune Institute Of Computer Technology

Bachelor of Engineering in Computer Engineering (CGPA: 9.68 / 10)

2018-2022

Pune, Maharashtra

Experience

Amazon Web Services (AWS)

Dec 2022 – May 2023

Software Engineer

Dublin, Ireland

- Contributed in design and engineered critical features for AWS CloudWatch Composite Alarm, replicating the behavior of Amazon's internal Alarming System for AWS resources.
- Identified and resolved a bug causing latency due to redundant processes and API calls, optimizing the system's performance by reducing latency by 10%.
- Wrote acceptance tests using Cucumber framework to ensure software functions as expected from an end-user's perspective and specified requirements and business objectives.

Google

Feb 2022 – Jul 2022

Software Engineer Intern

Bangalore, India

- Designed and implemented a robust testing framework to validate the functionality of Apigee Integration, enabling users to experiment with integration input variable values and identify faults in the connection flow using Java.
- Enabled pre-deployment testing of integrations by simulating input variables and mocking task behaviors and assertion capabilities to validate integration execution paths and output values saving 60% of user time.

Arista Networks

Jun 2021 – Aug 2021

Software Engineer Intern

Pune, India

- Eliminated manual work by replacing static Jenkins build agents with Dynamic-Kubernetes agents, automating build environment updates.
- Distributed build tasks across Kubernetes nodes, reducing build time by 40% Enabled seamless generation of artifacts from individual GitHub branches without waiting for static agents to get idle, reducing wait time by 50%.

Projects

CCO (Graduate Assistant) | HTML, CSS, Bootstrap, React, Javascript, C#, ASP.NET, Node.js, Express.js, MySQL, PostgreSQL

- Contributed in development of various features like the Letter Service on the CCO website and solving bugs, boosting user engagement metrics by 25%.
- Currently leading the migration from .NET to Node.js to achieve a loosely coupled frontend-backend architecture.

Real time Chat Application | Chakra UI, React, Node.js, Express.js, MongoDB

- Engineered and launched a real-time chat application using Socket.io, integrated React for the frontend to enhance user interaction and responsiveness, resulting in a 25% improvement in user satisfaction metrics.
- Deployed features ensuring seamless communication and real-time updates, including notification services for instant updates on message receipt and user activity.

Technical Skills

Languages: HTML, C, C++, Java, Javascript, C#, Python, Dart

Technologies: React, Express.js, Bootstrap, ASP.NET, Node.js, SQL (MySQL, PostgreSQL), NoSQL (MongoDB), AWS, Git, Github, Android SDK, Flutter, Jenkins, Kubernetes, Docker,

Concepts: Microservices, RESTful API, Databases, Software Development Life Cycle, Cloud Computing, Unit Testing, Integration Testing, Scrum

Achievements

- Candidate Master on Codeforces, Rating - 1903
- Selected for the Microsoft Engage'21, where top 400 students were selected amongst the 50,000 applicants
- Secured a global rank of 154 out of 20k participants in codeforces round 110
- Global rank of 655 in Google Kick-start Round E 2021
- Secured a rank of 63 throughout India, in CodingNinja Contest where about 32000+ students participated