

# Sudhanva Paturkar

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## Education

**Khoury College of Computer Sciences, Northeastern University**

September 2023 - Expected May 2025

Master of Science in Computer Science, GPA - 3.91

**Nagpur University**

August 2017 - June 2021

Bachelor of Engineering in Computer Technology, GPA - 3.71

## Experience

**Adobe**

June 2024 - August 2024 | San Jose

**Software Engineer Intern**

- Implemented a personalised user data driven notifications system for Adobe Acrobat leading to increased feature usage by 10%.
- Created a Java Spring-Boot service that processes millions of logs to generate user profiles.
- Implemented an Apache Kafka pipeline to setup data pipelines between services that handle millions of records.
- Added GraphQL to streamline data retrieval for personalized notifications, improving fetch times by 30%.

**Accenture**

December 2022 - May 2023 | India

**Senior Full-Stack Developer**

- Enhanced document processing efficiency by implementing optimized API polling, resulting in a 5% reduction in page load times.
- Wrote image processing algorithms to convert signature images into their dark mode versions, enhancing the visual appeal of the web application.
- Developed automated unit and integration tests utilizing JUnit4 and Selenium frameworks, resulting in a 20% decrease in regression issues and ensuring code reliability.
- Integrated AI-based document processing APIs into a React-based single-page application, enhancing its functionality and user experience.

**Accenture**

June 2021 - November 2022 | India

**Full-Stack Developer**

- Collaborated on a online document signing solution, addressing 24 customer-reported defects and bugs to enhance product stability and user experience.
- Designed and integrated 3 advanced API functionalities for document processing using Amazon Elastic-Search, complemented by the implementation of a Splunk dashboard to monitor system performance metrics.
- Participated in code review sessions and implemented performance optimizations, resulting in a 5% decrease in application response times, enhancing overall user satisfaction and system efficiency.
- Achieved the Accenture Pinnacle Award for contribution in the Product Engineering department for FY22-Q4.

**Sacchidanand Utech**

May 2019 - November 2019 | India

**Software Development Intern**

- Created a web-based dashboard for smart home automation tools, managing sensor data for smart home analytics.
- Utilized ReactJS for lightweight dashboards following MVC principles.
- Led a team of 10 interns and conducted regular scrum meetings to efficiently deliver output and meet deadlines.
- Achieved the Best Intern for best performance and most contributions made towards product development.

## Projects

**Image Processing REST APIs and React based Consumer**

December 2023

- Developed a scalable image processing RESTful API service using Java Spring Boot with MVC architecture, accompanied by a streamlined Swagger UI for intuitive interaction.
- Used AWS EC2 (Elastic Cloud Compute) to deploy the REST APIs and setup a CI/CD pipeline.
- Devised a React based UI to showcase the APIs functionality using complex state management.
- Configured monitoring and alerting using AWS CloudWatch to identify and address performance issues and downtime.

## Technical Skills

**Languages:** Java, JavaScript, HTML, CSS, Python

**Developer Tools:** Postman, Git, GitHub, Docker, Google Cloud Platform, AWS, Maven

**Frameworks:** ReactJS, NodeJS, Java Servlets, Spring Boot, Selenium, Junit4, Cypress

**Databases:** MySQL, MongoDB, Firebase

**Others:** Agile development, Linux, Distributed Systems, Scrum Methodology, CI/CD

**Certifications:** (AWS) Amazon Web Services Certified Developer Associate