

Contact

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Top Skills

Mean Stack

Elasticsearch

MySQL

Certifications

Neural Networks and Deep Learning

Embedded systems level 0

IOT

Embedded systems level 1

Honors-Awards

E yantra robotics competition

Intern of the month award

Publications

Automated Dimension Measurement System

Shubham Kakirde

SWE Intern @ LexisNexis | CS @ NCSU | Prev - Deutsche Bank
Raleigh, North Carolina, United States

Summary

Experienced Full-Stack Developer with a demonstrated history of developing and delivering highly scalable and reliable products. I have worked with Deutsche Bank and Apli.ai as a Software Engineer and have worked on a wide range of technologies spanning React, Javascript for frontend, SpringBoot, Java, Python for backend, and SQL and NoSQL databases. Having worked with CI CD pipelines, I have worked on automating the deployments to the cloud.

Additionally, I am interested in and have tried my hands on various machine learning projects, and enjoy exploring the vast domain of neural networks.

Experience

LexisNexis

Software Engineer Intern

June 2024 - Present (6 months)

Raleigh, North Carolina, United States

- Built a robust data pipeline leveraging RabbitMQ, Flask and MySQL to migrate data from legacy databases, reducing data transfer latency by 30% and improving consistency across systems.
- Created interactive dashboards and custom data visualizations using the integration strategy, enabling product owners to analyze user engagement and make data-driven decisions more efficiently.
- Developed an integration framework using React and custom hooks to seamlessly link new React applications with legacy systems, boosting developer productivity by 25%.

North Carolina State University

Research Programmer @ Machado Lab

December 2023 - June 2024 (7 months)

Raleigh, North Carolina, United States

- Devised highly efficient, asynchronous and multi-threaded RESTful APIs, enhancing API performance by 23x.
- Developed highly scalable code leading to faster response times and a decrease in bug occurrences by 45%.
- Enhanced the SEO of the landing page to 98%
- Presented the product to stakeholders yielding positive responses.

NC State Wilson College of Textiles

Research Assistant

October 2023 - December 2023 (3 months)

Raleigh, North Carolina, United States

- Developed a music player in Android and interfaced Bluetooth Low Energy device for controls with over 98% accuracy.

Deutsche Bank

2 years 1 month

Software Engineer II

October 2022 - July 2023 (10 months)

Pune, Maharashtra, India

- Optimized bank's Profit & Loss application by 30% by migrating from legacy AngularJS to React and SpringBoot.
- Improved user experience, and reduced technical debt of the application by 80% with the above migration.
- Actively mentored new team members, leading to a 15% reduction in bugs through comprehensive code reviews

Software Engineer I

July 2021 - October 2022 (1 year 4 months)

Pune, Maharashtra, India

- Modernized a reconciliation web application using SpringBoot and React, improving efficiency by 40%.
- Designed a web application using the best matching concept saving 2-3 weeks of time and effort post-recruitment.
- Secured cloud infrastructure for further development of the application by presenting it to the senior leadership.

Apli.ai

Full-stack Developer

June 2020 - June 2021 (1 year 1 month)

Mumbai, Maharashtra, India

- Developed and managed an application with 15k+ users, and optimized the search functionality by 43%.
- Responsible for mentoring and supervising 3 junior team members and interns in the technology team.

Bitgenie

Data Science Intern

December 2019 - January 2020 (2 months)

Mumbai, Maharashtra, India

- Devised an algorithm using Natural Language Toolkit (NLTK) to summarize a given report with 80% accuracy.
- Implemented an algorithm to scrape research reports with 82% efficiency, leveraging Chromium and Selenium.

Education

North Carolina State University

Masters in Computer Science, Computer Science · (August 2023 - May 2025)

Bhartiya Vidya Bhavans Sardar Patel Institute of Technology Munshi Nagar Andheri Mumbai

Bachelor of Technology - BTech, Electrical, Electronics and Communications Engineering · (2017 - 2021)