Abhijit Hanumeswara Kulkarni

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EDUCATION

University of Southern California
Los Angeles, CA, USA

Master of Science in Computer Science
Aug 2024 - Current

- **Courses:** CSCI-570: Analysis of Algorithms, CSCI-576: Multimedia Systems Design.

BMS College of Engineering
Bangalore, Karnataka, India

Bachelor of Engineering in Computer Science and Engineering
Jun 2016 - Sep 2020

- Graduated with a CGPA og 9.21 on a scale of 10.

WORK EXPERIENCE

Morgan Stanley
Bangalore, Karnataka, India

Senior Software Engineer
Jun 2021 - Jul 2024

- Visualized data leveraging High-Charts which led to a 70% boost in revenue, optimizing efficiency of user screen analysis
- Drove user growth by introducing React Tour, Redux, Recent Searches, and Theme Switch, resulting in an 80% more effective onboarding
- Receded development effort by 90% using React and Stencil Reusable Web Components, later embraced by other teams
- Achieved greater than 80% JUnit test coverage across multiple web applications, minimizing faulty code by half
- Upgraded authorization protocols and exception handling in existing projects, cutting security vulnerabilities by 70% at critical endpoints
- Collaborated with stakeholders to elevate team efficiency by 200%

Morgan Stanley
Bangalore, Karnataka, India

Software Engineer
Jul 2020 - Jun 2021

- Elevated user experience by 90% through the adoption of micro frontend architecture using React and Module Federation
- Evaluated Bootstrap, Styled Classes, and Tailwind opting for Tailwind to streamline development time by 50%
- Enriched user efficiency by 50% with the help of tile layout using React Grid Layout
- Delivered features such as Save View and User Preferences with MongoDB, Java, and Spring Boot, which cut user effort by 50%

Juspay Technologies
Bangalore, Karnataka, India

Software Engineer Intern
Jan 2020 - Jun 2020

- Developed a single sign-on solution for a web application using Haskell and JavaScript, which resulted in a 20% increase in user base
- Optimized web app performance by integrating MongoDB and a node.js server for user information storage, reducing the total time for REST API calls by 80%

ACADEMIC PROJECTS

Cover Craft v1.1
Los Angeles, CA, USA

Master's Student
May 2024 - Jul 2024

- Engineered an automated cover letter generator using Selenium to scrape LinkedIn job details, leveraging generative AI to create tailored, editable cover letters
- Architected a full-stack solution with Flask and React, reducing the application process by 86% and serving a user base of 30 people

Smart College Navigation App (SCNA)
Bangalore, Karnataka, India

BMS College of Engineering
Jan 2020 - Jul 2020

- Designed a smart navigation app that integrates image processing with Google Maps to navigate users around the campus, abating their effort by 90%
- Crafted a mobile application using Java and Android Studio, involving over 50 active users

Technical Skills

Programming:	Javascript/Typescript (ES6), HTML5/CSS, Python, Java
Frameworks and Libraries:	React, Angular, Webpack, Context, Redux, Django, Flask, Spring Boot, Android Studio
Databases and CI/CD Tools:	MongoDB, Postgres, Git, Docker, Jenkins.