DISHA PATEL

pateldisha.tech@gmail.com | (551) 241 1315 | linkedin.com/in/diisha-patel/ | github.com/disha789 | index.html | Los Angeles, CA

EDUCATION

California State University, Fullerton   Fullerton, CA
Master of Science in Computer Science **(GPA: 3.67/4.00)**   Aug 2022 – May 2024

Navrachana University   Gujarat, India
Bachelor of Technology in Information Technology **(GPA: 3.90/4.00)**   Aug 2018 – May 2022

EXPERIENCE

California State University, Fullerton – Graduate Teaching Associate (iOS Mobile App Development) Aug 2023 – Present

- Accelerated hands-on Swift programming sessions for approximately 100 students, resulted in 80% increase in skill improvement.
- Orchestrated Swift UI design, app testing, and ensured code integrity through version control, improved projects integrity by 75%.
- Mitigated challenges through open discussions, group collaboration, and fostered inclusivity in classroom with 100% contribution.

Code Dote – Software Engineer   Aug 2021 – Aug 2022

- Developed backend system with Java, Node.js, AWS Lambda for RESTful APIs, achieved 80% faster scalability with automated tests.
- Implemented streamlined development processes with CI/CD tools and Bitbucket, alongside efficient product management and code review using Jira, Azure DevOps, and Gerrit which escalated product development by 90%.
- Leveraged AWS services including EC2, RDS, Lambda, SQS, and SNS to construct a robust microservices architecture, provided valuable insights in an Agile environment boosted product value by 80%.

Brainbean Technolabs PVT LTD – Software Engineer Intern   May 2021 – Jul 2021

- Acquired skills in issue resolution, process automation, data insights which saved 3700 manual hours annually across codebases.
- Developed Java-based code generator, automated 10000 Python jobs, reduced execution time by 70% to processed SQL queries.
- Enhanced React UX with product managers, designers, focused on effective product loading, and clear code through rigorous reviews which enhanced product quality by 80%.

Hofy Intelligent Living – **Software Development Engineer in Test Intern**   Nov 2019 – Jan 2020

- Worked on developing a Selenium Automation framework using Java, WebDriver, TestNG, Cucumber, enhanced efficiency through advanced synchronization techniques resulted in 60% faster test suite executions.
- Achieved 100% product effectiveness through comprehensive Cross Browser Compatibility Testing across major browsers.
- Streamlined testing data processes with Apache POI for Excel file data validation escalated in 70% effective data.

PROJECTS

Flavor Flex: A MERN Stack Powered Web Application   Jan 2024 – Present
- Developed a food delivery app frontend with React JS, React Router, Redux Toolkit, integrated Paystack API for payments handling which amplified product value by 70%.
- Executed backend using Multer, Cloudinary, MongoDB with Mongoose, Express JS, Yarn, and JSON Web Token for authentication.

Snapchat AR Lens Creation (Try the Demo)   Sep 2023 – Present
- Spearheaded 3D asset creation and optimization for Snapchat's AR Lens Creator tool, incorporated on 2D assets.
- Collaborated on cross-functional teams to create immersive AR experiences, translated 2D concepts into detailed 3D models.

Multi-Tier Web Application using AWS   Aug 2022 – Dec 2022
- Developed AWS architecture (VPC, Route53, EC2, Load Balancer) for streaming web app. Reduced traffic by 20% with dual-server setup (Public-Private) while ensuring secure data transfer. Enhanced performance by 25% with auto-scaling based on usage peaks.

Loan Pro ML: Home Loan Predictor   Aug 2021 – Dec 2021
- Created Python web app with Conda, integrated advanced ML using Streamlit, Seaborn & Pandas for interactive data exploration.
- Empowered decision-making with AI-driven insights like Random Forests and Neural Networks, with intuitive navigation for user.

Google Developer Student Club: Cloud & ML (Google Cloud)   Oct 2020 – Feb 2021
- Developed a robust tool to improve user experiences in Google applications (Gmail & YouTube), leveraged advanced ML algorithms & deep learning. Gained expertise in computing, app development, big data, and ML.

SKILLS

- **Programming Languages/ Scripting:** Java, Python, C++, PHP, JavaScript (Node.js, React.js, Express.js), HTML5/CSS, .NET, Swift
- **Databases:** AWS (EC2, RDS, SQS, SNS), DB2, SQL Queries (MySQL, PostgreSQL, NoSQL), Redis. MongoDB, Google Cloud Platform
- **Development Tools & Technologies:** Git (Version Control), CI/CD Tools, Visual Studio, Jira, Postman, Docker, Kafka, Sockets
- **Methodologies:** SDLC, Agile Methodology, UML, Automated Testing, Problem-Solving, Team Leadership, Management, UX Design

ACHIEVEMENTS Azure Fundamentals by Microsoft | Databases for Developers: Foundation, Next Level and Performance by Oracle | Architecting with Google Cloud Engine by Google Cloud