

Lakshmi Panguluri

520-491-9600 | laksh mipanguluri98@gmail.com | [LinkedIn](#) | [GitHub](#)

SUMMARY

Software developer experienced in developing scalable web applications for e-commerce, healthcare, gaming and edTech sectors

WORK EXPERIENCE

Full Stack Developer | NAU, Arizona

Jan 2023 - Present

- Collaborated with cross functional teams successfully delivering 3 projects on time, under budget & exceeding expectations
- Built responsive user interface (UI) with React, attaining 95% mobile friendliness score resulting in customer satisfaction
- Developed and advised on the design of a mobile health app for Android and iOS using Flutter and Dart, achieving a 92% user satisfaction score for \$1.9M funded NSF project
- Conducted testing with 93% code coverage through TDD and debugging for code quality, reducing the bug reports by 25%
- Supervised and on boarded 10+ junior developers, reducing their ramp-up time by 30% and enhancing team productivity

Software Developer | NAU, Arizona

May 2022 - Dec 2022

- Co-ordinated with UX designers and Product Owners to implement 5 new features increasing user retention by 12%
- Initiated and led refactoring of a project for code modularity and reuse, leading to a 16% reduction in development costs
- Employed GraphQL to streamline API queries, cutting response times by 40% and improving effectiveness of data fetching
- Reduced the monthly template update load by 13% through a C# script, resulting in 10% maintenance efficiency
- Achieved a 98% cross-browser compatibility and reduced security vulnerabilities by 20% through rigorous testing and implementation of front end security best practices.

Senior Full Stack Developer | Infosys, India

Aug 2019 - Dec 2021

- Led a team of 4 developers to build a scalable, high performance e-commerce platform with 250K registered users that handled 10,000+ daily transactions with 99.9% uptime employing Agile methodologies
- Developed and maintained 2 full-stack production-ready web-applications from scratch leveraging React and Node.js, driving an additional \$1.5M in revenue over 12 months through optimised user engagement metrics.
- Spearheaded the redesign of a single page application, reducing page load times by 34% and increasing revenue by \$500K
- Enhanced websites to meet evolving market trends, customer demands by staying up-to-date with latest technologies
- Deployed the application on AWS, yielding a 37% reduction in infrastructure costs through optimised resource allocation
- Mentored junior developers in JavaScript through workshops, improving team skills and project delivery speeds by 42%

SKILLS

Languages : JavaScript (ES6+), Typescript, C, C++, C#, Java, HTML, CSS, SQL

Web Technologies : React, Redux, Angular, Next.js, Tailwind, SASS, GraphQL, REST API, JSX, JSON, MVC, Axios, OAuth, HTTP

Backend/DB : Node.js, Express.js, MongoDB, PHP, C#, .NET, Firebase, MySQL, PostgreSQL

Testing/Other : Jest, Enzyme, Cypress, Mocha, WebPack, Parcel, Babel, Vite, AWS, Microsoft Azure, GCP, Flutter, Dart, Agile

PROJECTS

NetflixGPT - A large scale, fast loading, accessible and responsive video streaming platform with AI search capabilities

Rapid Munch - A real-time scalable food delivery web application with a list of restaurants and their dynamic menus.

Portfolio - An accessible, responsive book-style portfolio to showcase CSS 3D capabilities and EmailJS service integration.

EDUCATION

Masters in Computer Science - Northern Arizona University, Flagstaff **GPA - 4.0/4.0**

December 2023

Thesis - Comparative Analysis of Content: Human Expert vs Artificial Intelligence in an Exploratory Study

Coursework - Large scale Data Structures, Algorithms, Web Development, Machine Learning, Visualization, Cloud Computing

Bachelors in Electronics and Communication - NIT Surat, India

May 2019

Coursework - Object Oriented Design, Database Management Systems, Distributed Systems, Mobile Communication