

ANANDHA KRISHNAN SENTHOORAAN

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SUMMARY

Skilled full-stack software developer with 2+ years experience designing, building, and managing complex web applications and services. Core expertise in JavaScript, TypeScript, React, Angular, Node.js, and cloud platforms. Passionate about writing clean, well-tested code and optimizing performance.

EDUCATION

MS in Information Technology

Arizona State University, Tempe, AZ

Relevant courses: Advanced Database Management, Big Data, Data Visualization

May 2025

GPA 4/4

B Tech in Information Technology

Anna University, Chennai, India

Relevant courses: Data Structures, Computer Networks, Operating system

June 2022

GPA 3.3/4

SKILLS

Programming Language: HTML, CSS, Java, JavaScript, Python, Dot Net

Frameworks: NodeJS, ReactJS, Angular, Bootstrap, Material UI

Libraries: ChartJS, MomentJS

Database: Mongo DB, SQL, Firebase

Software tools: Visual studio code, Android studio, GIT, Microsoft Azure

PROFESSIONAL EXPERIENCE

Junior Software Developer

Peninsular Research operation, pvt

July 2022 - July 2023

India

- Engineered a functional proof of concept with the ChartJs library, markedly enhancing project effectiveness through improved visualization capabilities.
- Led overhaul of company public-facing website to strengthen responsiveness and speed metrics. Implemented lazy loading, code minification, image compression, and caching mechanisms, reducing average page load time by 1.5 seconds. Enhanced mobile experience through use of CSS flexbox layout and stagnant positioning decreasing bounce rate by 22%
- Accomplished a 100% successful implementation of a RESTful API on the backend by harnessing the ASP.NET MVC framework, maintaining stringent adherence to the SOLID principles throughout the process.
- Demonstrated a profound grasp of agile methodology principles, adeptly prioritizing tasks to consistently achieve a 95% on-time task completion rate
- Employed Microsoft Azure DevOps for tasks such as version control, reporting, and automating builds.

Software Developer Intern | Peninsular Research Operation, pvt

Peninsular Research operation

March 2022 - May 2022

India

- Created ecommerce store to register, log in, access, insert, delete and update (CRUD).
- Demonstrated prowess in employing action-oriented technologies such as WebAPI, ASP.NET, Angular 11, Mongo DB, HTML, and CSS to proficiently drive full-stack web development initiatives.

ACADEMIC PROJECTS

- Developed an interactive e-commerce website utilizing ReactJS, gaining hands-on expertise with the React framework. (Jan 2022)
- Engineered a news-focused application using Kotlin, designed to retrieve the most current information from the News API, ensuring up-to-the-minute updates and functionality. (Jan 2020)
- Created nearby store locator using geolocation API and shows the updated information to the user. (Sep 2020)

ACTIVITIES

- Headed application modernization initiative for college IT department website serving over 10,000 students and faculty. Converted legacy site architecture to MEAN stack web application, increasing responsiveness across mobile and desktop.
- Played a pivotal role in orchestrating coding competitions, workshops, and quiz events, cultivating an atmosphere conducive to intellectual advancement.
- Established new student orientation events as Lead Coordinator. Welcomed new students by giving campus tours and holding information sessions. Partnered with student council team to organize activities.