

Janani Sundarram, Software Engineer

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PROFILE

Full-Stack Software Developer with various exposures in Python, C++, and Java. Multiple full-stack projects and various software engineering roles. Interested in web development, data analytics, machine learning, and software design.

EDUCATION

Sep 2021 — Present **B.S. Software Engineering, University of California, Irvine**

EMPLOYMENT HISTORY

- Jul 2024 — Present

Full-Stack Software Engineering Intern, Exosystems

 - Worked with Nuxt.js to develop P2P applications
- Jul 2024 — Present

Software Engineering Fellow , Headstarter AI

 - Built 5 AI projects with team members and individually
 - Participated in code reviews, interview preparation
- Jun 2023 — Sep 2023

Software Engineering Intern, Netesenz Inc

 - Wrote and debugged code in Python and HTML/CSS for software applications, modules, and features.
 - Participated in code reviews to provide feedback on code written by peers and seniors.
 - Conducted research on technologies, frameworks, or tools relevant to ongoing projects.
 - Participated in team meetings, stand-ups, and brainstorming sessions.

PROJECTS

- Apr 2024 — Jun 2024

Independent Search Engine

 - Developed a scalable search engine to efficiently index and search large volumes of documents in under 100 ms while ensuring content uniqueness through advanced duplicate detection mechanisms.
 - Integrated MinHash and Locality Sensitive Hashing (LSH) algorithms to detect and eliminate near-duplicate documents, ensuring the uniqueness of indexed content.
 - Developed a partial indexing system to manage term frequencies and document metadata, writing partial indices to disk to handle large datasets.
- Mar 2024 — Jun 2024

Full-Stack Job Board Web Application

 - Developed a dynamic job board web application to facilitate job seekers in searching for jobs, creating personalized profiles, and applying for jobs seamlessly.
 - Designed and implemented the front-end interface using React, CSS, and JavaScript, focusing on responsiveness and user interaction.
 - Developed the back-end functionality using Node.js including user authentication, job posting, and search functionality.
- Jun 2023 — Sep 2023

AI Email Categorization Web Application

 - Built a web application to help client company organize customer emails, and be able to quickly search for received emails from a customer.
 - Used technologies such as HTML, CSS, JavaScript, PythonFlask, BigQuery, and OpenAI.
 - Utilized OpenAI calls to organize customer requests into different category.

SKILLS

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|------------|------------|
| JavaScript | SQL |
| Linux | HTML & CSS |
| Node.js | Git |
| React | Python |
| C++ | Java |