

Pranith Molakalapalli

612-223-1809 | pmolakal@asu.edu | [linkedin](#) | [github](#) | [prani.tech](#)

EDUCATION

Arizona State University
Bachelor of Science in Data Science

Aug. 2023 – May 2027
Tempe, AZ

TECHNICAL SKILLS

Languages: Java, Python, Typescript, Javascript, Rust
Development: Next.js, React.js, Astro.js, HTML5, CSS, Tailwind CSS, Cypress, DataDog, Git
DB & Backend Technologies: Node.js, MongoDB, PostgreSQL, Prisma, Supabase, SQL, API
Python Libs: TensorFlow, NumPy, Pandas, Matplotlib, BeautifulSoup, PyTorch

EXPERIENCE

Lead Software Engineer
Perceptify

Oct. 2023 – Present
Remote

- Solely developed the Perceptify landing page joinperceptify.com, attracting **47%** of more visitors and securing over **1000** of waitlist signups. Utilizing **Next.js**, **Tailwind CSS**, and **TypeScript**.
- Led a **six-member** team in developing Perceptify, enhancing data processing efficiency by **22%** and cutting analysis time by **30%** using **TypeScript**, **Next.js**, and **Supabase**.
- Processing over approx. **200 gigabytes** of data. Improved sentiment analysis algorithms to **5x times** faster, enhanced marketing stats accuracy by **10x times** and increasing insights by **5x times**.

Chief Technology Officer
Tech Optimum

May. 2021 – Nov. 2023
Remote

- Led the development of Tech Optimum's grant application portal to streamline grant application processes.
- Managed a **ten-member** team to create Tech Optimum's dashboard with **Next.js**, **Mongoose**, and **MongoDB**. Created **15+** computer science courses, **200+** users, **60%** retention.

Frontend Engineer
CompSciLib

Feb. 2023 – Apr. 2023
Remote

- Developed pivotal features for CompSciLib's scientific calculator, employing React and TypeScript, **10k+** using the tool.
- Partnered with the CEO and CTO to refine Cypress testing methodologies, improving code quality led to removing **5k+** lines of code and accelerating development cycles for React.js projects.
- Enhanced user experience across educational tools, leading to **15%** higher user satisfaction and frequent tool usage.

PROJECTS

Tech Optimum Dashboard | *Next.js, Javascript, Mongoose, MongoDB* **June 2022 – November 2023**

- Full-stack CRUD application, with various permissions for different employees and users.
- More than **200** users, **60%** retention, approx **40%** course completion rate.
- **17k** lines of code contributed, along with improving code quality and performance.

Resumate | *React.js, Typescript, NLP*

June 2023

- Full-Stack app with **real-time markdown-based** resume editing.
- Using **NLP**, optimizes resume's keywords, provides feedback, leading to better enhanced resumes.

AWARDS

Hackathons | *Devpost*

June 2023 – Present

- **(1st)** [Hack'n Jill](#), **(2nd)** [Bayview Hacks](#), **(3rd)** Best Sustainability Hack @ [Backyard Hacks](#), **(3rd)** Most creative use of Twilio @ [Hack To School](#)

National Qualifier | *Minnesota Business Professional of America*

April 2023