

SAHITHI BALERAO

Chicago, IL | +1 (214)-897-9663 | baleraosahithi@gmail.com | www.linkedin.com/in/sahithi-balerao29 | [Github](#) | [Portfolio](#)

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY – Chicago, Illinois

Master of Science, Computer Science;

Course work – Software Engineering, Mobile Application Development, Software Project Management, Computer Networking, Advanced Database Organisation, User Centric Designing.

VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY – Hyderabad, India

Bachelor of Engineering, Computer Science;

Course work – Web Technologies, Object Oriented Programming in Java, Automata Theory, Computer Organisation, Operating Systems, Data Structures and Design Analysis of Algorithms, Database Management Systems, Computer Networks.

EXPERIENCE

UI DEVELOPER

Feb 2023 – Jul 2023

Tandem Digital | Hyderabad, India

- Designed and built **responsive** web and mobile interfaces by **creating modular components** in **HTML/CSS/JavaScript** and conducting **usability testing**, improving user satisfaction by 20% and engagement by 25%
- Collaborated** with designers and developers to translate **Figma mock-up files** into interactive prototypes, reducing design-development turnaround time by 15%.
- Prototyped** interactive wireframes, conducted A/B testing with user feedback, and optimized site performance by implementing lazy loading, enhancing functionality and improving metrics by 30%.

Graduate Engineer Intern

Mar 2022 – Dec 2022

Signzy Technologies | India (Remote)

- Built fintech features using the **MERN** stack (MongoDB, Express, React, Node) within Agile SDLC, enhancing system reliability by 35%.
- Developed and optimized **RESTful APIs**, reducing response times by 20% while supporting 3,000+ transactions daily.
- Automated deployments using CI/CD pipelines with Docker and created scalable front-end components in React.js, increasing user engagement by 15%

PROJECTS

Nxt Enti : AI-Powered Career Assistant – Chicago, Illinois | Website link – [\(Link\)](#)

Jan 2025 – Present

Built an AI-powered career discovery platform for young users exploring career paths, achieving 200+ new users on launch day. Tech used: React.js, Firebase, Python, LLM, Llama, Flask, HTML, CSS, JavaScript, Figma, Three.js

AI - Portfolio | Website link – [\(Link\)](#)

Jan 2024

Built a front-end responsive portfolio using Typescript, leveraging Hooks, Context API, dynamic routing, and OpenAI API for an AI-powered chatbot. Optimized performance with lazy loading and memoization. Tech used: Typescript, Next.js, OpenAI API, Tailwind CSS

MovieRev-App– Hyderabad, India | Github link – [\(Link\)](#)

Jan 2023 – May 2023

Engineered a responsive movie search platform using React.js, integrating an API for 1,000+ searches with 20% improved accuracy, enhancing load times by 30%, and reducing bounce rates by 15%.

SKILLS

Languages: Python, C/C++, SQL, HTML/CSS, JavaScript, TypeScript

Platforms: Google Collab, Jupyter Notebook, GitHub, Git, VS Code, R Studio, MySQL, Figma, WordPress, Firebase.

Frameworks: Django, MongoDB, React.js, Node.js, Flask, Angular.js, Vue.js, Next.js.

Other: AWS Cloud, S3 Buckets, Azure Cloud, Agile, SCRUM, SOAP.

Achievements

- Awarded a \$12,000 Graduate Program Scholarship** for outstanding academic and professional performance in Computer Science.
- 3rd Place Winner** in the **Design-to-Develop Hackathon** conducted by the **ACM Club at Illinois Tech**, for creating a user-friendly map app that helps students navigate to the right classrooms and explore campus buildings
- 1st Place Winner** in an App Development Hackathon organized by the Machine Learning club, **Epsilon Pi**, for creating an innovative and functional application within 24 hours.