

SUMMARY

Experienced Software Engineer with a focus on backend development, full-stack internships, and academic research. Skilled in Laravel, React, and React Native, with a strong foundation in data privacy. Master’s graduate from UMBC and former Infosys Specialist Programmer recognized via #HackWithInfy.

WORK EXPERIENCE

- React Native Developer – Folio Up, Remote

May’25 - Current

◦ Built and maintained cross-platform apps in React Native, increasing app downloads by 30%.

◦ Collaborated with designers to craft responsive, visually appealing UIs.

◦ Refactored code and optimized libraries, cutting load time by 25%.
- Research Assistant – ESL Lab, UMBC (PI: [Dr. Mohammad Samarah](#))

April’24 – April’25

◦ Engineered responsive React.js web apps, enhancing user experience and engagement across platforms.

◦ Constructed Django REST APIs for text summarization, enabling seamless integration and automation.

◦ Built and maintained Cypress tests to ensure reliable end-to-end functionality and user workflows.
- Developer Intern - YouROK Corp, Menlo Park, CA, USA

July’24 – October’24

◦ Crafted responsive web pages in Next.js and Tailwind CSS, ensuring smooth multi-platform access.

◦ Optimized Node.js/Express APIs, reducing response time by 30%.

◦ Used GitHub for version control, tracked and resolved bugs in Jira throughout 20+ Agile sprints.
- Specialist Programmer, Infosys Ltd – Electronic City, Bangalore, India

September’20 – August’23

◦ Developed a scalable employee management system in Laravel, increasing client satisfaction by 60%.

◦ Optimized SQL queries and added Redis caching, reducing DB response time by 20%.

◦ Built dynamic PDF-ready reports with Blade and JS, improving usability by 35%.

◦ Integrated RBAC for dynamic content control and user-specific access.

◦ Automated Cypress tests via Jenkins CI/CD and cron jobs, reducing QA time by 40%.

PROJECTS

- [Software Bill of Materials Finder](#)

Java Spring Boot, React (Next.js), TypeScript, PostgreSQL, Syft, OSV API

◦ Built a full-stack SBOM Finder to generate Software Bills from firmware, reducing manual analysis time.

◦ Enabled SPDX and Cyclone-DX format downloads of SBOMs, boosting traceability and audit readiness.
- ESL V1

Django, React, JavaScript, PostgreSQL, VS Code, Jupyter, NLP

◦ Built Django REST APIs for ToS summarization using spaCy for ethical software analysis.

◦ Developed React UI for displaying summaries and improving user access.

EDUCATION

- University of Maryland - Baltimore County – Baltimore, MD, USA

August’23 - May’25

Master of Professional Studies in Software Engineering

GPA: 3.73/4.00
- APJ Abdul Kalam Technological University – Kottayam, Kerala, India

August’16 – August’20

Bachelor of Technology in Computer Science and Engineering

GPA: 7.24/10.00

SKILLS

- Programming Languages:

Python | JavaScript | TypeScript | PHP | Java | C/C++
- Front-end Development:

React.js React Native | HTML5 | CSS3 | Tailwind CSS
- Backend Development:

Spring Boot | Laravel | Django | Node.js | RESTful APIs | Microservices
- Cloud & DevOps:

AWS (Lambda, EC2, S3) | Docker | Jenkins | CI/CD Pipelines
- Databases & Tools:

PostgreSQL | Redis | MongoDB | MySQL | Git | GitHub | GitLab | Jira
- Functional Skills:

Stakeholder Management | Business Communication | Cross-Team Collaboration