

# Isha Ghaisas

Bloomington, IN | +1 812-671-2782 | [isha.ghaisas@gmail.com](mailto:isha.ghaisas@gmail.com) | [LinkedIn](#) | [GitHub](#)

## SUMMARY

Full-stack software engineer with experience building responsive web applications using React, Node.js, and modern frameworks. Skilled in native iOS development with Swift, with a strong focus on performance, usability, and clean architecture.

## EDUCATION

### Indiana University Bloomington

*Master of Science, Computer Science*

Aug 2023 – May 2025

GPA: 3.9/4.0

### Pune University

*Bachelor of Engineering, Information Technology (Hons Data Science)*

July 2018 – July 2022

GPA: 9.42/10.00

## WORK EXPERIENCE

### Teaching Assistant | PHP, JavaScript, HTML, CSS, SQL

Aug 2023 – May 2025

*Indiana University Bloomington, IN, USA*

- Mentored 300+ students in designing and building data driven web applications, using JavaScript, HTML5, CSS3, PHP, and MySQL, with strong emphasis on system design, database modeling, and full stack development.
- Oversaw implementation of responsive frontend interfaces and scalable backend systems, conducted code reviews, and ensured alignment with best practices and project goals.
- Led 7 agile teams as project manager, facilitating scrum meetings, sprint planning, and collaborative development workflows to improve project delivery.

### Software Engineering Intern | Next.js, React.js, MongoDB, Express.js, AWS, Jest

May 2024 – Aug 2024

*Fashion Index, Charleston, SC, USA*

- Scoped and built the admin module in collaboration with product owners, translating UI/UX wireframes into modular and reusable Next.js components.
- Implemented advanced search functionality using Express.js and MongoDB to enable fast brand-supplier matching and improve user experience.
- Updated Express.js delete endpoints to ensure proper removal of assets from AWS S3, resolving storage leaks and reducing monthly infrastructure costs.
- Performed unit and integration testing using Jest to ensure reliability and correctness of key features, resulting in reduced bugs.

### Software Engineer | Java, Spring Boot, React, REST APIs, SQL

June 2022 – July 2023

*Persistent Systems, Pune, India*

- Migrated a legacy desktop application (built with .NET and PL/SQL) to a web-based microservices architecture using Java, Spring Boot, React and JPQL.
- Collaborated in a cross-functional team of ~80 members, working closely with frontend/backend developers, PMs, BAs, QA, and UI/DB specialists.
- Developed RESTful APIs using Spring Boot and application screens in React to support critical workflows and user interactions.
- Diagnosed and resolved performance bottlenecks in handling large datasets across UAT and dev environments, significantly improving response times.

## PROJECTS

### 2048 – iOS App

- Developed 2048 game in Swift using UIKit, Core Graphics, Core Data and SpriteKit, building gesture-based tile movement and animated score popups.
- Implemented a customizable settings interface with support for theme switching, grid size toggles and sound effects using AVFoundation.

### Event Management System

- Led a 5-person team to develop an event management system using React, Node.js and MongoDB focusing on role based authentication using OAuth authentication, venue booking and user registration.
- Implemented key features like search functionality, profile pages, 2FA authentication to improve user experience and security.

### Ayurveda Wellness – Android App

- Led a team of domain experts and developers to design and develop a wellness-focused Android app using Java.
- Built interactive quizzes and personalized health and lifestyle recommendations to support holistic well-being.

## SKILLS

Languages: Java, Python, JavaScript, TypeScript, PHP, Swift, C/C++, HTML, CSS

Frameworks and Libraries: React, Redux, Spring Boot, Express.js, Node.js, Next.js, Jest, React Testing Library, Tailwind CSS

Databases: SQL, MongoDB, PostgreSQL

Tools: Postman, Git, GitHub, Jira, Docker, AWS (EC2, S3, DynamoDB), Kubernetes, Terraform