ARUNDHATI BANDOPADHYAYA

857-565-5368 | arundhatib.work@gmail.com | Boston, MA (Open to Relocation) | LinkedIn | GitHub | Portfolio

SUMMARY

Software engineer/Full stack developer experienced in building scalable web applications using MERN stack, Spring Boot, and MySQL. Skilled in UI/UX design with Figma, creating responsive layouts, design systems, and reusable component libraries.

EDUCATION

Northeastern University | Boston, MA *Sep 2026 (expected)*
Master's in Software Engineering **GPA: 4.0**

Symbiosis Institute of Technology | Pune, India *Apr 2022*
Bachelor's in Electronics Engineering **GPA: 3.2**

PROFESSIONAL EXPERIENCE

Persistent Systems | Pune, MH, India

Software Engineer *Jul 2022 - Jan 2024*
- **Frontend Development:** Built modular Lightning Web Components (LWC) using HTML, CSS, and JavaScript, adhering to Salesforce's Lightning Design System (SLDS) for consistent, accessible, and responsive UI design across platforms.
- **Backend Development:** Developed and maintained robust business logic using Apex, creating and exposing RESTful endpoints via Salesforce's native REST framework to support scalable third-party integrations.
- **Database Management:** Modeled and optimized Salesforce data structures through custom objects, lookups, and junction relationships. Integrated efficient SOQL queries within Apex services to enable high-performance data retrieval.
- **Testing:** Implemented unit tests for Lightning Web Components using the Jest testing framework, achieving and maintaining 90%+ code coverage to ensure UI reliability and regression prevention.
- **Software Development and Collaboration:** Collaborated with cross-functional teams in an Agile environment, participating in sprint planning, stand-ups, and client calls. Led project-wide mentoring sessions on testing practices and code quality for 100+ developers. Authored comprehensive technical documentation to facilitate smooth handovers and team onboarding.

Software Engineer Intern *Jan 2022 - Jul 2022*
- **UI/UX Design & Prototyping:** Designed wireframes, responsive layouts, and high-fidelity mockups in Figma. Created a reusable component library, defined a color palette and typography scale, and documented a style guide and spacing system to ensure consistency and scalability across the interface.
- **Full-Stack Development:** Built dynamic, responsive user interfaces using React.js (class and functional components), with React Hooks, React Router, and UI libraries like Material-UI and Ant Design. Developed scalable RESTful APIs and backend services using Java and Spring Boot, following layered architecture principles.

RECENT PROJECTS

SoulScouts — an Employee Wellness Tracker GitHub
- Built the complete frontend using React, Bootstrap, and Tailwind CSS, integrating it with the backend via Redux. Developed dashboards, authentication (HR, Coach, Employee), private journals with CRUD, a resource library with YouTube uploads, and real-time chat.
- Designed and implemented a daily survey system for employees, with responses feeding into role-specific analytics dashboards built using React Charts, enabling tailored insights for each user group.

Hyperesume — a Resume Builder Web App GitHub
- Developed the frontend using React and Redux, enabling users to select from 4 customizable templates, input resume details (education, experience, etc.), preview the final layout, and export it as a PDF.
- Built backend functionality with Java, Spring Boot, and MySQL, designing database schemas and REST controllers to store user data and support template-specific rendering.

SKILLS

Frontend: HTML/CSS, JavaScript, React.js, Redux, Axios, Bootstrap, jQuery
Backend: Spring Boot, Node.js, Express.js, REST APIs, JWT, Mongoose
Full Stack Frameworks: MERN (MongoDB, Express.js, React.js, Node.js)
Databases: MySQL, PostgreSQL, MongoDB
UI/UX & Design: Figma, Balsamiq, Moqups
Languages: Java, Python, JavaScript, TypeScript, LaTeX
Testing & Dev Tools: Jest, React Testing Library, Unit Testing, ESLint, Git, GitLab, VSCode, Postman, Insomnia, Jira
Cloud: Microsoft Azure, AWS