

ARUNDHATI BANDOPADHYAYA

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EDUCATION

Northeastern University | Boston, MA
Master's in Software Engineering Systems

Sep 2026 (expected)
GPA: 4.0

Symbiosis Institute of Technology | Pune, India
Bachelor's in Electronics Engineering

Apr 2022
GPA: 3.2

PROFESSIONAL EXPERIENCE

Persistent Systems | Pune, MH, India
Software Engineer

Jul 2022 - Jan 2024

- Crafted modular web components leveraging JavaScript frameworks while partnering closely with cross-functional teams, accelerated project velocity for over **15 critical initiatives** within an agile development cycle
- Implemented comprehensive testing practices using Jest framework, crafting **70+ test suites** and achieving **90%+ code coverage** while establishing testing standards across project teams
- Created and maintained detailed technical documentation for **50+ reusable components** and features, enabling successful knowledge transfer and streamlined project handovers
- **Mentored 100+ developers** on web component development, unit testing best practices, and code quality standards through regular code review sessions, fostering a collaborative learning environment

Software Engineer Intern

Jan 2022 - Jul 2022

- Engineered a seamless integration of backend Spring Boot services with jQuery driven frontend components for an e-learning platform, leading to better user experience metrics and maintaining over **400 unique daily sessions**
- Analyzed and documented best practices for securing digital identities using JSON Web Tokens (JWT), identifying four critical vulnerabilities that directly improved system safety protocols during testing phases

RECENT PROJECTS

SoulScouts — a mental-wellness portal for corporates

[GitHub](#)

- Designed an interactive interface for managing wellness content that amplified admin efficiency by reducing the time spent on updates by **12 hours each month** through optimized data handling processes in Node-Express
- Crafted a private journaling feature with top-tier authentication and tailored access controls through JWT, created a safe emotional outlet for over **75 users** at the university, earning strong user satisfaction ratings
- Strategized outreach initiatives targeting Indian therapy professionals, recruited additional experts for a growing network of **10+ qualified coaches** dedicated to providing culturally competent care via digital platforms

Hyperresume — a resume-builder web app

[GitHub](#)

- Led a cross-functional team of **5 designers and developers** through daily standup calls and meetings, facilitating clear communication and resolving blockers to ensure successful project delivery within deadlines
- Developed a robust resume builder application featuring over **7 customizable templates**, seamlessly integrating Java backend with React and REST APIs to enhance user experience in creating tailored resumes
- Orchestrated comprehensive user authentication processes within the app framework using Axios and JWT; this reinforced security practices resulting in **zero unauthorized access incidents** throughout the testing phases

SKILLS

Full Stack: MongoDB, Express.js, React.js, Node.js (MERN)

Frontend: HTML/CSS, Bootstrap, JavaScript, React.js, Redux, Axios, jQuery

UI/UX Tools: Figma, Balsamiq, Moqups

Backend: Rest API, Spring Boot, JWT, Mongoose, Node, Express

Databases: MySQL, PostgreSQL, MongoDB

Languages: Java, Python, JavaScript, TypeScript, LaTeX

Testing & Quality: Jest, Unit Testing, ESLint, React Testing Library

Developer Tools: Git, VSCode, Postman, Insomnia, GitLab, Jira

Cloud Technologies: Azure, AWS

Certifications: Microsoft Azure Fundamentals (AZ-900), Salesforce JavaScript Developer 1