

ARUNDHATI BANDOPADHYAYA

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EDUCATION

Northeastern University

Master's, Software Engineering

September 2024 - September 2026

Symbiosis Institute of Technology

Bachelor's, Electronics and Telecommunication Engineering

July 2018 - April 2022

GPA: 3.2

PROFESSIONAL EXPERIENCE

Persistent Systems

Software Engineer

Pune, MH, India

July 2022 - January 2024

- Led frontend development of Salesforce applications using Lightning Web Components (LWCs), collaborating in a cross-functional team of developers, QA engineers, technical leads, and business analysts
- Modernized and maintained legacy source code of Lightning Web Components, implementing performance optimizations and architectural improvements while ensuring backward compatibility
- Participated in comprehensive Agile workflow including daily standups, bi-weekly sprint planning, and nightly client progress reviews, ensuring transparent communication and consistent delivery
- Collaborated with the technical architect to design and implement scalable solutions, incorporating architectural best practices and optimization strategies
- Orchestrated comprehensive unit testing initiative, developing and reviewing 70+ LWCs using Jest framework, achieving 90%+ code coverage and establishing testing standards across multiple project teams
- Created and maintained detailed technical documentation for 50+ Lightning Web Components, reports, and dashboards, facilitating successful knowledge transfer and project handovers
- Successfully managed 50+ pull requests through completion, incorporating feedback from technical leads and maintaining high code quality standards
- Mentored 100+ developers on LWC development best practices, Jest testing implementation, and ESLint issue resolution over code review calls, fostering a collaborative learning environment

Persistent Systems

Software Engineer Intern

Pune, MH, India

January 2022 - July 2022

- Architected and developed a full-stack e-learning platform, implementing RESTful APIs using Spring Boot and creating responsive UI with HTML/CSS and JavaScript
- Collaborated with senior developers to establish database schema and API endpoints, resulting in efficient data management and seamless frontend-backend integration
- Implemented user authentication and authorization using JWT tokens, ensuring secure access control and data privacy

SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript

Web Development: HTML, CSS, SASS, JavaScript, React, Redux, Node.js, Express.js, Spring Boot, MaterialUI, jQuery

Databases: MongoDB, MySQL, PostgreSQL

Version Control and Collaboration: Git, GitHub, GitHub CLI

API Development: RestAPI, JWT, Axios, Swagger

Testing: Jest, Postman, Insomnia, Troubleshooting

Software Development: Object-Oriented Programming, Design Patterns (Singleton, Factory), Agile

Tools: VSCode, ESLint, Figma

Additional Skills: UML diagrams, ER diagrams, Problem-Solving

Soft Skills: communication skills, growth mindset, leadership and collaboration

ACADEMIC PROJECTS

Huntgig - [Link to project](#)

Software Developer

Boston, MA, USA

2024 - 2024

- Huntgig is a React-based job portal offering dynamic job listings, company showcases, and secure session management, built with React, Axios, MaterialUI, Node.js, Express and MongoDB Compass.

Shnugglers - [Link to project](#)

Boston, MA, USA

Software Developer

2024 - 2024

- Shnugglers is a responsive pet adoption website built using HTML, SASS (light/dark mode), CSS Grid, Flexbox, and JSON.

Cali.co - [Link to project](#)

Boston, MA, USA

Software Developer

2024 - 2024

- Cali.co is a multi-functional app combining a calculator, stopwatch, and secure user login with validation built with HTML, CSS, SASS, JavaScript and jQuery and deployed on GitHub Pages.