ANKITA GHADGE

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Education

Savitribai Phule Pune University	**Jan 2021 – Jun 2024**
Bachelor of Computer Engineering, CGPA: 9.34	*Pune, Maharashtra, India*
Jai Hind Junior College, Pimpri	**Aug 2018 – Mar 2020**
HSC (Class - XII), Percentage: 80.90%	*Pune, Maharashtra, India*
Kanya Vidyalaya, Pimpri	**Jun 2013 – Apr 2018**
SSC (Class - X), Percentage: 97.20%	*Pune, Maharashtra, India*

Certificates

C & C++ Programming - IACSD, Akurdi, Pune	**Aug 2021 - Sep 2021**
Full-Stack Development	**Apr 2020 - Jun 2020**

Experience

Hexaware Technologies Pvt. Ltd. — **Feb 2023 – Mar 2023**
Web Development Intern — *Remote*
- Developed a user-friendly web app for streamlined employee data management, simplifying administrative tasks.
- Implemented filtering mechanism based on employee joining dates, improving data accessibility.

Infrings Technologies Pvt. Ltd. — **Apr 2023 – May 2023**
Web Development Intern — *Remote (Live Project)*
- Designed, developed, and deployed the production-grade OTP verification feature for the innovative product Workabl.in.
- Tackled multiple edge cases to enhance the security measures.

Projects

Flight Management System | *Spring Boot, Spring Security, React.js, MySQL, Bootstrap* — **Jun 2024 – Jul 2024**
- Developed RESTful endpoints in Spring Boot for flight management, using JPA Repository for CRUD operations and JWT validation for security.
- Configured CORS for secure API access across domains and implemented role-based access control with Spring Security to manage user and admin privileges.
- Utilized UseContext hook for centralized state management, cookies for session persistence, and Async-Await for efficient asynchronous API calls.

SmartBookSwap | *Node.js, Express.js, React.js, MongoDB, WebSocket, Tailwind CSS* — **Jan 2024 – Apr 2024**
- Developed an e-commerce platform to facilitate the exchange, sale, lending, and donation of second-hand books among students.
- Ensured data security and compliance with regulations, implemented efficient search and filtering options, integrated a secure payment gateway, and enhanced user experience with an internal messaging system using WebSocket.
- Aimed to reduce the financial burden on students and promote sustainability by extending the lifespan of educational resources.

Technical Skills

Programming Languages: C, C++, Java, JavaScript, TypeScript
Frontend Technologies: HTML, CSS, Bootstrap, Material-UI, Tailwind CSS, React.js, Angular.js
Backend Technologies: Node.js, Express.js, Spring, Spring Boot, Hibernate, ASP.NET Web API
Protocols: REST API, WebSocket
Databases: MySQL, MongoDB, Microsoft SQL
Developer Tools: GIT, GitHub

Research Papers

An Intelligent E-commerce Platform for Affordable Student Book Exchange and Donation (Dec 2023)
- The paper focused on developing an intelligent e-commerce platform called SmartBookSwap, which aims to streamline the exchange, sale, lending, and donation of second-hand books among students, enhancing affordability and sustainability in accessing educational resources.
- Published in International Research Journal on Advanced Engineering Hub (IRJAEH), ISSN: 2584-2137 [Paper Link]
- Won the Best Presentation Award under the UG category.