

Abhishek Aggarwal

+1 (343)-987-1314
abhi18102003@gmail.com
LinkedIn
Github
Personal Portfolio
Ottawa

SUMMARY

Computer Programming graduate from Algonquin College (GPA: 3.87) with expertise in full-stack development, API design, and data analysis. Proficient in Python, Java, JavaScript, and cloud technologies, with hands-on experience in building scalable applications. Strong problem-solving skills, teamwork, and a track record of delivering efficient, high-performance software solutions.

WORK EXPERIENCE & PROJECTS

Full stack developer -----Sept 2024 - Dec 2024

Comtest Networks (Remote)

- Led a team of 5 in developing a scalable and responsive project management system as part of a client-sponsored university course, ensuring real-world applicability.
- Engineered the front-end using Next.js and React.js, enhancing UX by implementing dynamic dashboards and drag-and-drop task management.
- Contributed to backend development with Node.js and PostgreSQL, optimizing database queries for faster project retrieval, Integrated RESTful APIs to ensure real-time data synchronization.
- Participated in weekly client meetings and Agile Scrum meeting, delivering features on time and aligning with the client's evolving requirements.

Chat Room App -----July 2024 - Sept 2024

Java, SQLite, Android SDK, RecyclerView, Multithreading

- Developed an Android chat application using Java and SQLite (Room Database) for efficient local data storage.
- Debugged and optimized application performance using multithreading (Executors) for database operations.
- Designed a RecyclerView-based chat UI, handling multiple view types for seamless user experience.
- Collaborated in an agile environment, troubleshooting and improving application functionality based on feedback.

E-Library Management System -----Aug 2024 - Oct 2024

MERN(MongoDB,Express.js, React.js, Node.js), JWT

- **Frontend:** Built a responsive UI with React.js and Next.js for browsing books, authors, and genres.
- **Authentication:** Secured user access with Node.js, Express, and JWT.
- **Database:** Used MongoDB for storing book details, users, and borrowing records with CRUD support.
- **Features:** Added book management, borrowing tracking, and search/filter functionality.
- **Backend API:** Created RESTful APIs with Express for inventory and user management.

EDUCATION

Computer Programming -----May 2023 - Dec 2024
Algonquin College

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JSON, XML
- **Database:** Oracle, MySQL Workbench, SQL server Management studio,MongoDB, Neo4j
- **Network Programming:** IP/TCP Protocols, Socket Programming, Cisco Packet Tracer, Wireshark
- **Web Development:** HTML, CSS, Tailwind CSS, Bootstrap, PHP, JavaScript, ReactJS, Node.js
- **Operating System:** Linux/Unix, MacOS, Windows, Ubuntu
- **IDEs:** VS Code, Eclipse, IntelliJ, NetBeans, Android Studio
- **Testing Tools and Frameworks:** Gherkin, Pytest, Selenium, JUnit, Jest, Postman
- **Business Intelligence Tools:** Microsoft Power BI, Weka, RapidMiner
- **Source Control:** Git, GitLab, GitHub, Zenhub, JIRA