Malhar Datta Mahajan

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LinkedIn | GitHub

SUMMARY

Ambitious Computer Science Co-op student with hands-on experience in software development, IT support, and cloud-based systems. Skilled in troubleshooting, technical documentation, and analytics using tools like Power BI and AWS. Passionate about learning, collaboration, and applying technology to deliver efficient business and IT solutions.

TECHNICAL SKILLS

Languages/Frameworks: Java, Spring Boot, JavaScript, React, Redux, SQL, HTML/CSS
Tools: AWS, Power BI, Git, Firebase, Supabase, Excel, ServiceNow (familiar), Cloudflare
Concepts: IT support, documentation, cloud systems, testing, cybersecurity, data visualization

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WORK EXPERIENCE

Classroom Technology Support (Part-time), Dalhousie University ITS   Sept 2025 – Present
Halifax, NS (On-site)
- Provide IT and AV technical support for classrooms and lecture halls, including troubleshooting computers, touch-screens, microphones, and networked systems.
- Deliver quick and effective problem resolution, ensuring a smooth teaching environment and positive user experience.
- Document technical procedures and maintain asset tracking for consistent service delivery.
- Developed strong teamwork, customer service, and communication skills in a hybrid work environment.

Backend Team Lead Intern, Worship (Streaming Platform)   May 2025 – Present
Java | Spring Boot | MongoDB | AWS | Power BI
- Lead backend development of a cloud-based media platform, coordinating development sprints and API integration.
- Deployed and maintained microservices using AWS, ensuring scalability and performance.
- Implemented Power BI dashboards to monitor user data and system health.
- Strengthened project management, system analysis, and cross-functional collaboration skills.

PROJECTS

Full Stack Developer (React, Redux, ShazamCore API, Spotify API, Geolocation) Jan 2025 – Apr 2025
FlexBeats – Music Streaming Web App | Live | GitHub
- Built a modern web application using React and Redux for real-time playback and API integration.
- Managed authentication and sessions using Supabase; deployed on Netlify with responsive UI.

Junior Software Developer (React, WebXR, Supabase)   Sept 2024 – Dec 2024
ChemAR – 3D Molecular VR Visualization Tool | Live | GitHub
- Developed interactive 3D simulations using React and WebXR for virtual molecular exploration.
- Improved usability and documentation to enhance collaboration between development and research teams.

Frontend Developer (React, Three.js, GSAP, Tailwind CSS)   Feb 2025 – Mar 2025
Apple Website Clone – 3D Product Showcase | Live | GitHub
- Created a visually engaging and responsive 3D product site inspired by Apple's UI using GSAP and Three.js.
- Applied animation principles and clean coding standards to deliver smooth, interactive experiences.

Software Engineer (Android Studio, Java, Firebase, Google Maps API)   Jan 2025
QuickCash – Marketplace App | GitHub
- Built a real-time Android job marketplace using Firebase and Google Maps API for location-based matching.
- Enhanced performance and reliability through efficient data modeling and API optimization.

EDUCATION

Dalhousie University, Halifax, NS   Winter 2023 – Winter 2027 (Expected)
Bachelor of Computer Science (Co-op), 3rd Year Student