ARMAAN SINGH JAJ
Calgary, Alberta
armaan.jaj@gmail.com | GitHub | LinkedIn | armaancodes.com

KEY SKILLS

- **Web Technologies & Frameworks:** Next.js • Node.js • GraphQL • React.js • Tailwind CSS
- **Programming Languages:** Java • Python • TypeScript • Kotlin • PL/SQL • PHP
- **Databases:** MySQL • MongoDB
- **Concept & Technologies:** Object Oriented Programming • MVC Architecture • Database Administration • Unit Testing • UI/UX • Git Version Control • Agile Methodologies
- **Soft Skills:** Communication • Critical Thinking • Adaptability • Accountability • Collaboration • Time-Management

---

WORK EXPERIENCE

Morning Star Contractors, Calgary, AB - Next.js, Node.js, MongoDB, Unit Testing (Jest), Figma, TailwindCSS   *Jan 2024 – Present*
Software Developer & Office Operations Coordinator
- Engineered a file management application using the Next.js framework and MongoDB, leading to a 75% increase in efficiency and cost savings for the company.
- Evaluated current strategies for file management, pinpointing key areas for enhancement that led to a 15% reduction in average file processing time.
- Implemented a minimalist UI design approach using Figma and TailwindCSS, resulting in a user-friendly interface and improved productivity.
- Identified and implemented a strategy to utilize existing hardware and develop an internal tool, leading to a $550 per month cost reduction compared to the average cost of management software.
- Redesigned the workflow for managing due dates using project management tools, resulting in a 100% improvement in meeting project timelines and eliminating potential setbacks.
- Created and executed unit tests using Jest, enhancing code reliability and reducing bugs in production by 30%.

PROJECTS

Professional Portfolio, Portfolio Website   (*Visit* | *GitHub*)
Next.js, React, Node.js, TailwindCSS, Vercel, GitHub REST API

- Integrated the GitHub REST API, reducing data entry time by an estimated 50%, optimizing the development process.
- Accelerated website loading speed by implementing server-side caching with Node.js and Vercel, decreasing load times and enhancing user experience.
- Designed a fully responsive UI using TailwindCSS and React, doubling the average session duration for mobile users, increasing overall engagement.
- Deployed the portfolio on Vercel, ensuring continuous integration and delivery, resulting in 99.9% uptime and seamless updates.

We-DD, Designated Driver Booking Web-app   (*Visit* | *GitHub*)
Next.js, React, Node.js, Express, TailwindCSS, RESTful APIs

- Administered a team of 5 as project manager to design, develop, and test the web application for a designated driver company, delivering the project on time.
- Enhanced the booking web app by integrating an email automation solution using Node.js and Express, automating confirmation emails, and boosting operational efficiency and user satisfaction by 85%.
- Established smooth communication between the web app's front-end and back-end using RESTful APIs, ensuring seamless data flow, improving user experience and app functionality, with an anticipated 95% increase in effectiveness and user satisfaction.
- Conducted user testing and gathered feedback, resulting in iterative improvements and a user-centric design that increased user retention by 40%.

EDUCATION

Southern Alberta Institute of Technology, Calgary, Alberta   *May 2021 – Dec 2022*
Diploma in Information Technology - Software Development Major
Graduated with Honors | GPA: 3.80

CERTIFICATIONS

- **J.P. Morgan Software Engineering Virtual Experience on Forage**   July 2024
  - Set up a local development environment with necessary files, tools, and dependencies.
  - Fixed broken files in the repository to ensure proper web application output.
  - Utilized JPMorgan Chase's open-source library, Perspective, to create a live graph for monitoring data feeds.
  - Developed the frontend using React and TypeScript, and managed server-side operations with Python.