Ajit Mehrotra

✉ ajitmehrotra2002@gmail.com   📞 667-231-8446   in LinkedIn   ○ GitHub   📍 Washington DC – Baltimore Area

Education

B.S. in Computer Information Systems, *Bentley University*   05/2024
GPA: 3.73/4.00; Minor in Finance   Waltham, MA
Awards: Honors Program, James H. Adair Technology Leadership Award, President's List
Coursework: Algorithms & Data Structures, Application Development, Networks, Database Management, Software Design Models

Skills

Languages/Libraries: JavaScript, TypeScript, Node.js, React.js, Next.js, Three.js, Python, Java, PHP, C#, HTML/CSS, TailwindCSS
Cloud/Database: AWS (Serverless), GCP, Microsoft Azure, MySQL, PostgreSQL, NoSQL, RESTful APIs, GraphQL
Tools/OS: Git, Docker, Jira, Neovim, Figma, Unity, Windows, Linux, macOS

Professional Experience

Student Leader in Technology   09/2020 – 05/2024
Bentley University   Waltham, MA
- Audited $2.4 million and spearheaded a $500k tech lounge project with presidential cabinet.
- Founded university's esports program (2 regional championships & 20+ student athletes).
- Built and managed cross-functional team of 30+; recognized as most successful organization in 2023.

Fullstack Software Engineer Intern   09/2019 – 07/2020
Flight Squad LLC (startup that helped customers fly for less)   Wellesley, MA
- Built backend for flight ticket aggregation system, leading to a $30,000+ increase in revenue.
- Containerized 4 microservices, deployed to AWS with SQS, boosting uptime from 97% to 99.9%.
- Collaborated with design team to code SMS booking system prototypes, facilitating user testing.
Leveraged knowledge in TypeScript, React.js, Node.js, AWS, Unit Tests, Regression Tests, XML, CI/CD, Git.

Founding Software Engineer   11/2018 – 08/2020
Lusack Inc (startup that automated custom PC builds)   Ellicott City, MD
- Led 6-person team to launch a web app that saved users 5+ hours per PC build.
- Coded front-end for landing page using React.js, Next.js, MaterialUI, and hosted on Vercel.
- Developed backend server to integrate retailer APIs, manage data, and implement business logic.
Leveraged knowledge in OAuth, Next.js, Express.js, REST APIs, JSON, Firestore NoSQL, Firefox dev tools.

Projects

BetterDiscord Mod AutoInstaller | Open-Source Contribution on GitHub   08/2024
Python script to auto-inject a mod. Detects Discord updates, manages installations, and patches index files.

BetterDiscord FrostedGlass Plugin | Open-Source Contribution on GitHub   08/2024
Resolved a frontend, visual bug for an Electron desktop app using SCSS and developer tools.

Personal Finance Copilot | GitHub | Presentation   08/2024
Web app to help make financial decisions based on real-time US economic and personal finance data.
Utilized Laravel, MVC architecture, Caching, PostgreSQL, Database Migrations/Factories, CRUD, Tailwind CSS.

Seagull Personal Finance Java Android App | GitHub   05/2023
Budgeting app to manage earnings/expenses and find nearby banks and ATMs in real-time using Google APIs.

Unraid Home Server   08/2024
Built Docker containers and VMs for development, media, and storage services. Provided remote access via Cloudflare Tunnels.