

Ajit Mehrotra

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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

- Built and managed cross-functional team of 30+; recognized as most successful organization in 2023.
- Spearheaded a \$500k tech lounge project with presidential cabinet and audited \$2.4 million.
- Founded university's esports program (2 regional championships & 20+ student athletes).

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

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.

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.

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.