

Ayush Kanaujia

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Professional Summary

A results-driven Full Stack Software Developer with 3+ years of experience designing and deploying scalable web applications using React (v16–19), Node.js, Express.js, and MySQL. Led the end-to-end development of production-grade platforms—including a university-wide fleet management system—by leveraging cloud technologies such as AWS and Firebase. Demonstrated leadership and collaboration through Agile team environments and served as President of ISA and a Career Ambassador during graduate studies.

Technical Skills

Languages: Python, JavaScript (ES6+), HTML5, CSS3, SQL, Java, C, Typescript

Frontend Technologies: React.JS, Tailwind, Bootstrap, Vue.JS, Next.JS, Angular, Flask, HTML, CSS, Material UI, Chakra UI

Backend Technologies: Express.JS, Node.JS, FastAPI

Cloud Technologies: AWS(S3, EC2, RDS, CloudWatch, Lambda)

Tools: Visual Studio Code, MySQL Workbench, GitHub, GitHub Copilot, WebSockets, Figma, Tableau, PowerBI, Excel, Docker, Cursor

Experience

Software Developer Intern

June 2025 – Present

ComprehendPT.ai

Amherst, NY

- Collaborated with the AI team at a healthcare startup to improve EMR workflows for clinicians by integrating **AI-driven** transcription features into EMRs like **Empower** and **Jane** using **React 18**, **Tailwind CSS**, and **React-Bootstrap**.
- Engineered a “Revert” feature within a custom Chrome extension using **Python** and **Chrome APIs** to allow undo automated changes.
- Deployed the frontend on **AWS EC2** and backend on **AWS Lambda**, utilizing **CloudWatch** and **DynamoDB** for real-time monitoring and efficient data storage.

Full Stack Software Engineer

Jan 2025 – June 2025

Facility Services, Northwest Missouri State University ([View Application](#))

Maryville, Missouri

- Led the end-to-end development of a university-wide Fleet Management System, improving operational efficiency across 200+ vehicles.
- Designed fiscal-year-based reporting dashboards using **Chart.js** and **MySQL**, enabling real-time tracking of refueling, maintenance, and user activity.
- Increased admin productivity by 60% through centralized logging and integration of custom **RESTful APIs**.

Graduate Teaching Assistant

May 2024 – June 2025

Northwest Missouri State University

Maryville, Missouri

- Facilitated hands-on sessions and weekly workshops for 200+ students on **Excel**, **Access**, **HTML**, **CSS**, and **JavaScript**, improving technical confidence and retention.
- Boosted engagement by 40% through timely grading, personalized feedback, and mentoring support.
- Managed academic records for 500+ students, streamlining faculty reporting and data-driven decision-making.

Software Engineer (Freelance)

June 2024 – Sept 2024

Watts Creates Learning

Omaha, Nebraska

- Delivered a 5-page business website using **React.js**, increasing brand visibility by 40% through optimized **UI/UX** and SEO best practices.
- Implemented a custom **SMTP** email system using **Node**, **Express.js**, and **SQL** to automate customer communication.
- Built clean REST API integrations for seamless frontend-backend communication and improved user experience.
- Improved long-term maintainability through codebase refactoring and modern **HTML5/CSS3** standards.

Software Engineer

June 2023 – June 2024

SPG America

Piscataway, New Jersey

- Maintained and scaled internal dashboards using **React** and **Vue.js**, improving data visibility for enterprise clients.
- Worked cross-functionally in Agile teams, conducting code reviews and releasing features through **GitFlow**.
- Optimized production performance using **Webpack**, resulting in reduced bundle sizes and faster load times.

Software Developer

Aug 2021 – May 2023

Northwest Missouri State University

Maryville, Missouri

- Built backend **APIs** for an academic scheduling platform using **Express.js**, delivering 60% of MVP features in two months.
- Improved student-faculty interaction by 50% through a custom event-tracking tool built with **React** and **Redux**.
- Enhanced performance and reduced latency by optimizing **MySQL** queries by 15%.

Education

Masters of Science: Information Systems (GPA: 4.00 / 4.00)

Aug 2025

Northwest Missouri State University

Maryville, Missouri

Bachelor of Science: Computer Science (GPA: 3.20 / 4.00)

May 2023

Northwest Missouri State University

Maryville, Missouri