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EXPERIENCE

Neu Software LLC

Full Stack Software Engineer

Nov 2023 – Present

Remote

- Built **Overbrilliant**, a full-stack AI-powered team collaboration platform integrating **web search**, **image generation**, **vector similarity search** (ChromaDB), and third-party APIs (Trello, GitHub, Jira, Google Workspace) using **React**, **Node.js**, **MongoDB**, and **OpenAI/Anthropic/Gemini** models.
- Improved frontend performance by resolving **React re-rendering** issues and optimizing **streaming of AI agent responses**, resulting in significantly smoother real-time user experience.
- Developed an **automated meeting recording bot** for **User Evaluation** using **Python**, **Selenium**, **AWS (S3, Boto3)**, and **Socket.IO**; replaced manual workflows by automatically joining, recording, and uploading **Zoom**, **Google Meet**, and **Microsoft Teams** sessions.
- Integrated a **deep research assistant** leveraging **LLMs**, **web scraping**, and **vector search** to generate contextual insights from user documents and online sources.
- Worked both independently and collaboratively with a team of 2-3 engineers to build scalable backend services and responsive UIs.

Zulip (Open Source)

Contributor – Frontend

Remote

- Refactored lightbox CSS to fix media preview layout issues and enhance responsiveness on small screens. [View PR](#)
- Improved mobile sidebar interactions by refining popover/button logic to prevent accidental closures. [View PR](#)
- Fixed modal overflow in `move_topic_modal` for better mobile accessibility and layout consistency. [View PR](#)
- Resolved keyboard nav bug in channel settings by handling key events in the color picker popover. [View PR](#)

PROJECTS

Snipit – Secure Snippet Manager [GitHub](#)

- Developed a snippet manager supporting **plain text**, **syntax-highlighted code**, and **rich text** editing with Monaco and TipTap.
- Built **JWT-secured auth** with **Google OAuth 2.0**, supporting **public**, **private**, and **password-protected** snippets.
- Created scalable **REST APIs** with MongoDB and Express; used **nanoid** for IDs and **bcrypt** for secure hashing.
- Implemented modern UI with **Vite** and **Mantine** for fast, responsive experience.

MindMesh – Study Together Platform (Team Project) [GitHub](#)

- Built core features: **study rooms**, **real-time chat**, **task manager**, and **pomodoro timer** using modular React components.
- Used **shadcn/ui** for sleek, accessible UI and integrated **Socket.io** for real-time collaboration.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Node.js, Python, HTML, CSS

Frameworks & Libraries: React.js, Express.js, Mongoose, Zustand, Redux, Socket.IO, Tailwind CSS, Mantine, Platejs

Developer Tools: Docker, Vite, Electron, Electron-Builder, ESLint, Prettier, Nodemon

Automation: Selenium, WebDriver Manager

Cloud & APIs: AWS SDK (Boto3, S3), OpenAI API, Vercel AI SDK, Postmark, Google OAuth, OAuth 2.0

EDUCATION

Indira Gandhi National Open University

Bachelor of Computer Applications

Expected 2025

- **Relevant Coursework:** Data Structures, Algorithms, C++ Programming, Java, DBMS, Operating Systems, Computer Networks, Web Programming, Discrete Mathematics