Mary Elenius

Software / Web Engineer

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Summary

JS for 10 years,
I've taught my students to tears.
Is this a haiku?

Education

University of Central Florida	B.S, Computer Science
Penn Foster	BS, Veterinary Technology

Experience

University of Central Florida | Senior Software Engineer   2025 – Present

TypeScript, React, Material-UI, Node.js, Express.js, PostgreSQL, MongoDB, GraphQL, Apollo
Collaborated with University of Central Florida to design and develop the curriculum for a new Split Stack BootCamp program, focusing on modern full-stack technologies. Assisted in launching the inaugural program, aligning course materials with industry standards and learner needs. Instructed one of the first cohorts, delivering hands-on, project-based education to future developers.

Mammoth Studios | Software Engineer   2019 – 2025

TypeScript, React, Material-UI, Node.js, Express.js, PostgreSQL, MongoDB, GraphQL, Apollo
Built web-based games and applications using React, TypeScript, PostgreSQL, and MongoDB. Collaborated with cross-functional teams to design and implement engaging user interfaces and robust back-end systems. Optimized application performance and scalability for high user engagement. Ensured seamless deployment pipelines and conducted thorough testing to maintain code quality.

Freelance Developer | Software Engineer   2015-2019

TypeScript, React, Material-UI, Node.js, Express.js, PostgreSQL, MongoDB, GraphQL, Apollo
Designed and built commission-based websites and full-stack applications tailored to client specifications. Configured self-hosted Ubuntu servers, ensuring secure HTTPS credentials and consistent system maintenance. Delivered affordable, personalized solutions on time, guiding website architecture for clients new to web development.

Skills

Languages: JavaScript, TypeScript, Python, Shell Scripting, CSS3, HTML5

Technologies: React, Redux, Tailwind CSS, Bootstrap, Material-UI, Foundation, Node.js, Express.js, PostgreSQL, MongoDB, MySQL, GraphQL, Apollo, Sequelize, Mongoose

Other: GitHub, GitLab, Bitbucket, Docker, AWS, CircleCI, Jest, GitHub Actions, Webpack, Vite, Jest, Cypress, Postman, Insomnia, GraphQL Playground, Jira, Trello, Slack, Figma, OAuth2, Passport.js, Auth0, JWT, GSAP, Axios, Socket.io, Adobe Creative Suite, Stripe, Homebrew, npm, yarn, Adobe Creative Suite