Mary Elenius

Software / Web Engineer

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Summary

JS Engineer.
10 years of experience.
Is this a haiku?

Education

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

Experience

University of Central Florida | Senior Software Engineer   2025 – Present

TypeScript, React, Material-UI, Node.js, Express.js, PostgreSQL, MongoDB, GraphQL, Apollo, React Native

> ➢ *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.*
> ➢ *Launched the inaugural education platform for mobile and web, aligning course materials with industry standards and learner needs to a user base of 100,000 students.*
> ➢ *Instructed teachers for first cohort, delivering hands-on, project-based education across 42 teams in the organization.*

2U | Senior Software Engineer   2020 – 2024

TypeScript, React, Material-UI, Node.js, Express.js, PostgreSQL, MongoDB, GraphQL, Apollo, React Native

> ➢ Built web-based and mobile-based games and applications using React, TypeScript, PostgreSQL, and MongoDB, and React Native
> ➢ 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, which increased user retention by 36%.
> ➢ Ensured seamless deployment pipelines and conducted thorough testing to maintain code quality, which lead to increased sprint and feature velocity.
> ➢ Support junior engineers' mastery of learning objectives in an effective and engaging manner.
> ➢ Follow the coding guidelines to align with company engineering principles.
> ➢ Articulate clear verbal and written responses according to junior engineers' needs.

Inscope.ai | Frontend Engineer   2015-2019

TypeScript, React, Material-UI, Node.js, Express.js, PostgreSQL, MongoDB, GraphQL, Apollo

> ➢ Designed and built commission-based websites and applications tailored to client specifications.
> ➢ Delivered affordable, personalized solutions on time, guiding website architecture for clients new to web development.
> ➢ Meeting deadlines in an agile environment on a 15 person team.
> ➢ Leads design and feature meetings, serving as scrum master for 2 week sprints.
> ➢ Responsible for front end code reviews, guaranteeing full unit test coverage and best practices.
> ➢ Has guided direction of full product lifecycle from design, build, and live deployment.
> ➢ Presented products at pitch meetings for investors.

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, React Native, Zustand
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