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## Software Engineer

### Technical Skills

Front-End: JavaScript, TypeScript, React.js, Next.js, CSS3 (Flexbox/Grid)

Back-End: Node.js, PHP

Database: MySQL, NoSQL

Others: AWS (EC2, S3, RDS, SMS), Docker, Linux, Prisma

### Education

October 2017 – March 2020

New England Institute of Technology, East Greenwich, RI

Associate of Science in Information Technology / Software Engineering

### Experience

May 2022 - Present

Software Engineer, Police Records Management Group (PRMG)

- Redesigned the payment workflow and implemented a robust backend for payments.
- Utilized Stripe's prebuilt checkout to upgrade the payment process, ensuring a streamlined and secure experience.
- Improved security measures to protect user payment information.
- Implemented a Two-Factor Authentication (2FA) method via email for application users, enhancing the security of user accounts and data.
- Initiated and led the integration of Docker, establishing a standardized development environment for enhanced application consistency and optimized local development.
- Streamlined daily tasks and reduced onboarding time for new hires, significantly accelerating team productivity and efficiency.
- Dockerized the application, providing a uniform development environment and streamlining the deployment process.
- Designed, developed, and managed a robust cloud infrastructure using AWS GovCloud services (EC2, S3, RDS, SMS) for greater scalability and efficiency.
- Revamped the application's UI, significantly enhancing user experience and streamlining functionality.
- Migrated the application's file storage system from AWS block storage to S3 pre-signed URLs, resulting in a 77% cost reduction and improved availability and security.
- Engineered and implemented pivotal application features, driving business growth and acquisition of new customers for PRMG.

### Projects

E-commerce Store

(GitHub)

- Created a back-end Node.js web server with Express.js and implemented a RESTful API.
- Utilized React.js to implement functional reusable components, enhancing code reusability.
- Implemented CRUD admin functionalities to manage users, products, and orders.
- Integrated PayPal as a payment method, allowing users to make secure and convenient transactions.

Technologies: React.js, Node.js, Express.js, MongoDB, JWT, Redux, CSS