ERNIE CREWS

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PROFILE SUMMARY

A motivated Full Stack Developer with solid hands-on experience and over 4 years of exposure to full-stack technologies, including React, JavaScript, HTML, CSS, and SQL. Skilled in building scalable web applications and optimizing performance across various platforms. Proficient in leveraging cloud technologies like AWS, CI/CD pipelines, and adhering to design patterns such as SOLID and Dependency Injection. Experienced in database management, system architecture, and agile methodologies, with a focus on delivering user-centric solutions that meet business needs.

WORK EXPERIENCE & KEY ACHIEVEMENTS

Software Engineer / Software Developer   **Jun. 2024 - Present**
CGI INC.

- Completed **ETL** tasks leveraging **AWS** services, optimizing data processing and reporting workflows, ensuring seamless system integration.
- Developed scalable software solutions, translating complex requirements into top-performing applications with **.NET, Java, and open-source tools**.
- Created and implemented data models from scratch in **SQL Server**, streamlining database operations and improving data accessibility and storage
across multiple systems.
- Applied industry-standard design principles such as **SOLID and DRY**, and utilized design patterns like Repository and Dependency Injection to
ensure clean, scalable, and maintainable code.
- Practiced **CI/CD pipelines** using tools like **GitHub, AWS CodeCommit, and Azure Repositories**, automating
deployments and enhancing development pipeline efficiency.
- Adhered to coding standards through company linting tools, ensuring consistency and quality across codebases while contributing to peer code
reviews to uphold best practices.
- Built a full-stack **.NET** application during intensive training, utilizing **MVC, C#, jQuery, JavaScript, Bootstrap, and SQL Server**. Completed over 100 hours of company-provided training lectures to further technical and professional development.

Developer   **Mar. 2020 – Mar. 2025**
CLOUDEDEN, Atlanta, GA

- Designed and developed interactive websites tailored to client needs using platforms like **Duda, Shopify, and WordPress**, integrating technologies such as **SQL, PHP, JavaScript, HTML, CSS, and React** to create customized functionality.
- Leveraged **CLI** to streamline development processes, manage version control, and execute deeper customizations within website platforms.
- Applied core UX principles to enhance navigation, layout, and user flows, resulting in improved user engagement and satisfaction across diverse platforms and devices.
- Optimized website performance and responsiveness by improving load times and implementing technical enhancements, resulting in faster, more
efficient websites that support seamless user experiences.

Software Engineer Training   **Oct. 2023 - Feb. 2024**
PERSCHOLAS, Remote

- Strengthened full-stack web development skills through training, covering all stages of software development from initial design to deployment.
- Acquired expertise in front-end development by leveraging **HTML, CSS, JavaScript, TypeScript, and React**, while enhancing back-end capabilities using **Node.js and Express.js** within agile and **SCRUM** frameworks.
- Enabled seamless user interface design and quality assurance through collaborative efforts with peers.
- Reduced release cycle times via proficiency in **CI/CD pipeline management**, automating testing, and streamlining deployment processes.

EDUCATION AND PROFESSIONAL CERTIFICATIONS

- **Western Governors University — *Salt Lake City, UT***   ***June 2025***
Bachelor of Science, Computer Science

- **AWS Certified Developer – Associate**   **Aug. 2024**
Verification Number: 464a67287a20405cb587334ed1ea7f70

TECHNICAL SKILLS

- **Tools and software:** Visual Studio, Visual Studio Code, Firebase, GitHub, Node.js, React-Native, ReactJS, AWS Cloud, Figma, Bootstrap, jQuery, SQL Server, CI/CD techniques
- **Environments:** Agile, SCRUM, Remote Work
- **Languages:** JavaScript, TypeScript, C++, HTML5, CSS, C#