Christopher Eakins

Software Engineer

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OBJECTIVE

Experienced Supervisor, adept at managing complex operations and leading teams of 10+ for efficient and safe air traffic management. Currently transitioning to a software engineering career with full-stack development skills. Passionate about leveraging technical expertise to contribute to innovative software solutions.

TECHNICAL SKILLS

Technologies: JavaScript, TypeScript, ES6, HTML5, CSS3, React, Flask, Node.js, Python, SQL, Postgres, Application Programming Interfaces (API), API Development, JSON, REST API

Tools: Git, Visual Studio Code, Insomnia, Jupyter, Slack, GitHub, Postman, Docker, Bootstrap

Techniques: Agile Development, Test-Driven Development, Microservices, OOP, REST, Pair Programming

Certifications: Full Stack Software Engineer, Python, Node.JS, JavaScript, SQL, HTML, CSS, React, Flask

EDUCATION

Coding Temple | Software Developer   06/2023

- Created Comic Chaos, an online community and knowledge resource for comic book fans
- Project Collaboration with teams using React, Virtual Studio Code, Node.js, Flask, and Git
- Developed F1 Race Standings using React, JavaScript, and API.

Embry-Riddle Aeronautical University   12/2012

- Aeronautic Science, Aviation Safety

SOFTWARE DEVELOPMENT PROJECTS

Coding Temple – Comic Chaos *(Full-Stack Project)*: *[GitHub] [OnRender] (2023)*

- Created a complete Flask application for a Comic Book Community.
- Used Flask, Python, PostgreSQL, API Integration, and User Management.
- Implemented user search, favorites, user connections, API search tools, and user posts.

EXPERIENCE

US Department of Defense / Air Traffic Control/Unix-Linux Administration *(North America)*   04/1995 - 06/2023

- Senior-level Air Traffic Control Supervisor overseeing teams of 10-20 during complex/diverse air operations.
- Managed and administered the Raytheon Standard Terminal Replacement System, consisting of UNIX/LINUX, Net+, and multiple internal and external interfaces with networked systems resulting in 99% uptime.
- Conducted daily, weekly, monthly, and quarterly UNIX system security audits to ensure sensitive information's integrity and confidentiality, resulting in zero security incidents or abnormalities.
- Served as the system administrator for Systems Atlanta's IDS5 information system, responsible for designing and implementing various user interfaces, maintaining databases, and installing/maintaining interfaces with different technology devices. Efforts led to a more than 30% increase in user efficiency.

Self-Employed / Freelance Photographer *(North America)*   *05/2000 - 06/2023*

- Highly skilled, award-winning, and published photographer
- Mastered imaging equipment and software, including Adobe's full suite of creative tools.
- Repeatedly exceeded client or publisher expectations through attention to detail and effective communication