April Copes

Full-Stack Developer

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CAREER PROFILE

An accomplished, results-oriented thought leader with expertise in all aspects of full-stack development at a strategic, consultative and operational level. A notable capacity for leveraging creative vision and incisive direction to drive complex, multifaceted projects to timely execution is underpinned by an aptitude for translating complex issues into high-performance, user friendly solutions. Keen communication and interpersonal skills facilitate strong collaborative relationships and engender a leadership environment that is conducive to motivation, target-attainment and technical best practice.

KEY SKILLS AND STRENGTHS

Professional/Management:
Software development
Programming and coding
Staff management and team leadership
Complex web application development/architecture
Project management
Programming issue resolution/solution-oriented
Critical and analytical thinking informs innovative solutions to complex problems
Detail and deadline-oriented

Communication:
Cross-functional collaboration and team working
Requirements gathering/documenting
Client engagement and stakeholder management

CAREER HISTORY

Co-Founder & Lead UX/UI Designer | *Professional Labor Management LLC*   **09/2019 - Present**
Complex, multifaceted role encompassing technical, leadership and consultative functions in support of an operationally efficient, technically robust start-up environment, specializing in full-stack development software architecture

- Spearheaded the development of the Professional Labor Management application, a cutting-edge corporate money-saving app, built using Node.js, JavaScript, Bootstrap, Jade and HTML
- Blended technical expertise with incisive leadership to drive the project from concept to market
- Worked at a collaborative/consultative level to gather client requirements and develop an application concept; translating this into a meticulous plan/project scope, including milestones, budgets and timeframes
- Built and aligned a multidisciplinary team of 10 to drive the development phase; proactively monitoring performance and delegating workflows in accordance with expertise to optimize quality
- Promoted an agile culture to quickly adapt to changing needs, while ensuring seamless progress and mitigation of issues
- Leveraged knowledge to define roles and permissions for use inside the app, before designing both Android (Kotlin) and iOS (Swift)using web development tools
- Performed meticulous tests based on hypothetical situations to ensure seamless functionality; implementing a task manager to keep abreast of bugs (and fixes)
- Established standard operating procedures to ensure consistent quality operations, underpinned by specific documentation and troubleshooting protocol
- Proactively tracked the budget (and employed coding experience) to ensure maximum resource allocation and mitigate excess spending, while managing client expectations throughout
- Owing to robust testing and the application of best practice throughout, the product was recognized as the most stable app launch in the history of the software company

Web Developer (Education Sector) | DigitalCrafts Software Program   **02/2019 - 04/2019**
- Built a strong collaborative partnership with the Lead Instructor to deliver an innovative course teaching programming fundamentals to students aged from 18 – 50+

- Performed extensive research to develop a curriculum/lecture series on algorithms, Big O Notation and basic data structures in JavaScript
- Promoted a culture of inclusivity, accessibility and participation in leading lessons and setting immersive exercises to optimize learning potential
- Employed best practice in supporting pair programming
- Record of success in debugging full-stack applications; double-checking functionality following each new addition, while ensuring a neat, methodical and cautious approach to ensure optimal quality

Industrial Electrical Supervisor | Wilkerson Conveyor Installations   **07/2016 – 10/2018**
- Responsible for all aspects of the effective management of a high-performance team of industrial electricians, including monitoring, professional development and delegation of workflows in accordance with expertise to optimize productivity
- Led a series of major changes to existing electrical conveyor systems (with expertise in sensors, switches, emergency stops motors, high/low voltage transformers and relays):
  - Methodically checked/identified existing mistakes/issues, including dangerous obstacles posed to fellow teammates
  - Performed testing and debugging across the system to ensure optimal performance
  - Consistently executed changes within established (challenging) timeframes
- Developed and leveraged expertise in electrical schematics, PLCs and I/O circuitry to implement advanced electrical upgrades for Fortune 500 company distribution centers
- Drove multiple critical system upgrade projects (ranging from $10K to $150K) to on time, within budget execution

PREVIOUS CAREER HISTORY

Music Instructor | Rock Tec Music   **06/2009 – 12/2014**

EDUCATION

Digital Crafts 16 Week Full-Stack Immersive Development Program   **09/2018 – 01/2019**
- Developed a portfolio of full-stack JavaScript applications using MEAN/MERN stack
- Performed extensive debugging of advanced JavaScript apps
- Employed agile methodologies to develop clean code

Industrial Electrical Apprenticeship (Electrical Engineering)   **07/2015 – 08/2016**

VOLUNTARY WORK & COMMUNITY ENGAGEMENT

Lecturer | Digital Crafts   **2019 – Present**
- Researched, developed and delivered a series of engaging lectures on data structures, algorithms, Big O Notation and interview preparation for a diverse student population

Tutor | Locksley Logic   **2018 – Present**
- Community-embedded role, working with students of all ages and levels to provide free software development, tutoring and mentorship; fostering both inclusivity and participation while facilitating the development of a portfolio of practice and transferable skills

TOOLS, TECHNOLOGIES & IT EXPERTISE

- JavaScript
- Node.js
- HTML5
- CSS3
- React
- Redux
- PostgreSQL
- Test Driven Development
- Arduino
- Git/Github
- AJAX
- RESTful API
- Express
- JSON
- Python
- AWS
- Vue.js
- SQL/MYSQL
- GIT/GITHUB
- Webflow
- MongoDB
- Responsive Design

PORTFOLIO & ADDITIONAL INFORMATION

- Portfolio: www.aprilcopes.com
- Github: github.com/antdevelopment1
- LinkedIn: linkedin.com/in/april-copes/