David Cibin

Software Engineer | Boston, MA | (508) 825-3226

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Profile

With over three years of software engineering experience, I specialize in building high-performance applications with intuitive, user-focused interfaces. My background in graphic design enhances my ability to create visually engaging solutions. I've worked on complex, data-driven applications and interactive visualizations, prioritizing reliability, robust testing, and attention to detail. A self-motivated learner, I've also taught myself mobile app development and am eager to embrace new challenges and technologies.

Skills

JavaScript | TypeScript | React | Angular | React Native | HTML | CSS | AWS | GCP | Vite | Vitest | Node | Express | MongoDB | Mongoose | NextJS | FastAPI | D3js | Canvas HTML | Python | PostgreSQL | Django | Flask | Redux | Context API | GitHub | Agile | NPM | Webpack | Babel | Sketch | CorelDraw | Adobe Tools

Experience

Software Engineer | Rosalind, Inc. , San Diego, CA   July 2021 – Present

- Contributed to the development of multiple complex applications for scientific data analysis, focusing on frontend development with TypeScript, Angular & React to create intuitive and efficient user interfaces.
- Designed and implemented RESTful APIs using Python, Django and FastAPI, integrating PostgreSQL for relational data, ensuring seamless and scalable communication between frontend and backend systems.
- Developed interactive, data-driven visualizations using D3.js and CanvasHTML, enabling users to interpret and interact with large datasets in meaningful ways.
- Deployed and maintained applications on cloud platforms like AWS, optimizing performance, reliability, and scalability while leveraging AWS's tools for seamless deployment.
- Enhanced frontend design consistency and responsiveness by integrating and customizing Tailwind CSS, aligning interfaces with branding requirements and reducing development cycles.
- Optimized state management using Context API and Redux, streamlining application workflows and improving user experience and application performance.
- Built a reusable component library to drive consistency, reusability, and scalability, significantly accelerating project development timelines and reducing repetitive code.
- Improved application reliability by introducing Vitest for unit testing and expanding Playwright for end-to-end testing, achieving 98% test coverage and strengthening overall code quality.
- Collaborated closely with product and design teams to deliver cohesive, user-focused applications, bridging technical implementation with design to align with business objectives effectively.

Software Engineer Fellow | General Assembly , Boston, MA   Feb 2021 – May 2021

- Mastered full-stack development during an immersive program, applying Agile methodologies to deliver high-quality web applications.
- Built and deployed responsive applications, creating dynamic frontend interfaces using JavaScript and modern frameworks, while integrating RESTful APIs and databases for seamless functionality.
- Enhanced debugging and testing processes by implementing version control workflows and test-driven development, improving code reliability and maintainability.
- Collaborated with cross-functional teams to solve complex coding challenges, fostering a strong foundation in teamwork and software engineering best practices.

Department Supervisor | The Home Depot, Coral Springs, FL   July 2015 – June 2017

- Led and coached a sales team to improve performance and consistently meet sales goals, fostering a results-driven and customer-first approach.
- Contributed to achieving the highest volume of gross sales in the region for the department, demonstrating effective leadership and team collaboration.
- Streamlined inventory management and order processing systems, optimizing stock levels and reducing delays, ensuring smooth daily operations.
- Mentored team members, fostering leadership skills and creating a positive, collaborative work environment that supported overall team success.

Graphic Designer and Owner | Studio Id – Vitoria, ES, Brazil   Feb 2003 – June 2015

- Designed and delivered unique print and digital media solutions, including websites, brand identities, and custom wall decals, managing projects from concept to completion.
- Worked closely with clients to understand their needs, resulting in personalized designs that aligned with their brand vision and goals.
- Managed the entire process of design execution, ensuring quality, accuracy, and timely delivery of products, enhancing client satisfaction and repeat business.
- Led all aspects of creative direction, including project scope, design, and implementation, ensuring projects were completed within budget and ahead of schedule.

Education

Software Engineer | General Assembly - Boston, MA | 2020
MBA | Oil and Natural Gas FAESA - Vitoria, ES, Brazil | 2005 - 2006
Bachelor | Marketing and Sales FAESA - Vitoria, ES, Brazil | 2000 - 2004

Awards & Recognition

Biggest Shout-Out of the Year – Rosalind, Inc. | 2022
Recognized for outstanding contributions to the team and excellence in software development.