

David Cibin

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

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Profile

With over three years of experience in software engineering, I specialize in creating intuitive, high-performance applications. My background in graphic design enhances my ability to craft visually engaging and functional user interfaces. I have experience developing complex, data-driven applications and working with large datasets to create interactive data visualizations. I'm committed to delivering reliable, high-quality software through attention to detail and robust testing. A self-motivated learner, I've also taught myself mobile app development and am always eager to embrace new challenges and technologies.

Skills

JavaScript | TypeScript | Angular | React | React Native | HTML | CSS | AWS | GCP | Vite | Vitest | Node | Express | MongoDB | Mongoose | NextJS | D3js | Canvas HTML | Python | PostgreSQL | Django | Flask | Gatsby | GitHub | Agile | Sketch | CorelDraw | Adobe Photoshop | Adobe InDesign.

Experience

Software Engineer | Rosalind, Inc. , San Diego, CA

July 2021 – Present

- Contributed to the development of multiple complex applications for scientific data analysis and research, leveraging Angular, React, and HTMX/Jinja2 for front-end development.
- Developed interactive, data-driven visualizations using D3.js and CanvasHTML, enabling users to explore and interpret large scientific datasets.
- Implemented RESTful APIs to ensure smooth communication between front-end and back-end, and worked extensively with Python and Django on the backend.
- Integrated Tailwind CSS into the platform, customizing it to meet specific design requirements and aligning with the company's branding, resulting in improved UI responsiveness and design consistency.
- Created a component library to enhance UI consistency and reusability, reducing repetitive code and accelerating development across the team.
- Integrated Vitest for unit testing and coverage reports, significantly enhancing the testing framework. Helped expand the usage of Playwright for end-to-end testing, contributing to better code quality and reliability.
- Collaborated closely with the design and product teams to ensure alignment across all areas, helping create intuitive and cohesive applications that deliver enhanced user experiences.

Software Engineer Fellow | General Assembly, Boston, MA

Feb 2021 – May 2021

- Completed a full-stack development program, building front-end and back-end applications while focusing core web development concepts and agile practices.
- Developed and deployed projects using modern technologies, including RESTful APIs, database management, and responsive user interfaces.
- Collaborating in teams to solve coding challenges. Gained hands-on experience and best practices for version control, testing, and debugging.

Department Supervisor | The Home Depot, Coral Springs, FL

July 2015 – June 2017

- Led and coached sales staff to improve performance, foster leadership, and ensure outstanding customer service by addressing inquiries, resolving complaints, and providing product recommendations.
- Managed inventory, processed orders, and analyzed sales plans to implement strategies that met department goals and maintained organized stock levels.

Graphic Designer and Owner | Studio Id – Vitoria, ES, Brazil

Feb 2003 – June 2015

- Designed and delivered unique print and digital media solutions, including website development, brand design, and custom wall decals, managing the entire process from concept to installation.
 - Oversaw all aspects of project execution, ensuring quality, accuracy, and client satisfaction at every stage.
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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.