DAVID CIBIN
Software Engineer

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ABOUT ME

With over three years of experience in software engineering, I specialize in building intuitive, high-performance applications. My graphic design background has equipped me with a keen eye for crafting user interfaces that are not only functional but also visually engaging.

I've built complex, data-driven applications using React, Angular, and back-end technologies like Django and SQL databases. In these roles, I've worked with large datasets to develop interactive data visualizations, allowing users to explore and engage with complex information through tools like D3.js and CanvasHTML.

I'm dedicated to delivering reliable, high-quality software, focusing on robust testing and attention to detail for optimal performance. I enjoy exploring new technologies and taught myself how to build iOS and Android apps. I'm always looking to expand my skills and tackle new challenges.

EDUCATION

Software Engineer
General Assembly - Boston, MA

MBA - Oil and Natural Gas
FAESA - Vitoria, ES, Brazil

Bachelor - Marketing and Sales
FAESA - Vitoria, ES, Brazil

AWARD

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

REFERENCE

Jeremy Davis-Turak
Chief of Technology Officer
jeremy@rosalind.bio

PORTFOLIO

Professional and personal projects can be seen by accessing my portfolio a www.davidcibin.com

WORK EXPERIENCE

Full-Stack Developer — Jul 2021 - Present
Rosalind, Inc. | San Diego, CA

- 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 — Feb 2021 - May 2021
General Assembly | Boston, MA

- 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 — Jul 2015 - May 2017
Home Depot | Coral Springs, FL

- 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 — Feb 2003 - Jun 2015
Studio Id | Vitoria, ES Brazil

- 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.

SKILLS

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