

# David Cibil

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.

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## Skills

JavaScript | TypeScript | Angular | React | React Native | HTML | CSS | AWS | GCP | Vite | Vitest | NextJS | Python | Django | FastAPI | PostgreSQL | SQLAlchemy | Flask | Node | Express | MongoDB | Mongoose | D3.js | Canvas HTML | HTMX2 | Jinja | Gatsby | Redux | GitHub | Agile | Sketch | CorelDraw | Adobe Tools |

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## 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 React, Angular and TypeScript to create intuitive and efficient user interface.
- 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.
- Created interactive, data-driven visualizations with D3.js and CanvasHTML, enabling faster exploration and interpretation of large datasets for scientific research.
- Developed dynamic web applications with Next.js, leveraging its API routes to integrate seamlessly with backend services. Implemented SQLAlchemy for efficient data management, streamlining data workflows through direct relational database interaction.
- Integrated Tailwind CSS, customizing it to meet specific design requirements to align with branding, enhancing design consistency, UI responsiveness and reducing development time.
- Built a reusable component library to enhance UI consistency and reusability, reducing repetitive code and accelerating development cycles across the engineering team.
- Introduced Vitest for unit testing and achieved 98% test coverage, strengthening the testing framework. Expanded Playwright usage for end-to-end testing, improving 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

- 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.

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**Education****Software Engineer** | General Assembly - Boston, MA | 2021**MBA** | Oil and Natural Gas FAESA - Vitoria, ES, Brazil | 2005 - 2006**Bachelor** | Marketing and Sales FAESA - Vitoria, ES, Brazil | 2000 - 2004

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**Awards & Recognition****Biggest Shout-Out of the Year** – Rosalind, Inc. | 2022

Recognized for outstanding contributions to the team and excellence in software development.