David Barroso Murcia

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Driven senior Computer Science student with strong problem-solving skills, passionate about front-end engineering, AI, and user experience. Eager to work with a team where I can use my 2+ years of experience developing web and mobile applications.

Skills

Programming: TypeScript, JavaScript, Python, Java, HTML, CSS
Libraries: React, Next.js, React Native, Node.js, GraphQL, Playwright
Technologies: Ubuntu Linux, Git, GitHub, AWS, PostgreSQL, Docker, MongoDB
Languages: English (Fluent), Spanish (Native), German (Basic)

Experience

Frontend Software Engineer — Nhost   **Oct. 2024 – Present**
TypeScript, React, Next.js, GraphQL
- Contributing to building and enhancing Nhost's scalable front-end console.

Frontend Development Intern — Nhost   **May. 2024 – Oct. 2024**
TypeScript, React, Next.js, GraphQL
- Collaborated closely with senior developers and designers to deliver high-quality, maintainable code.
- Developed a new section in the Nhost Dashboard that provides real-time health and state information for all services, allowing users to quickly diagnose and address issues with their projects.
- Integrated a configuration editor catered to users who prefer dashboard-based project management over traditional deployment pipelines.

Education

University of Waterloo — Waterloo, ON   **Aug. 2024 – Dec. 2024**
Study Abroad, Computer Science courses
- Relevant Coursework: Software Design and Architectures

Georgia Institute of Technology — Atlanta, GA   **Aug. 2023 – May 2024**
Study Abroad, Computer Science courses   *GPA: 3.64/4.0*
- Relevant Coursework: Machine Learning, Advanced OSs, User Interface Software, Network Security

Universidad Carlos III de Madrid — Madrid, Spain   **Expected Graduation, May 2025**
Bachelor's Degree in Computer Science and Engineering   *GPA: 3.37/4.0*
- Relevant Coursework: Data Structures & Algorithms, Software Engineering, Files & Databases

Volunteering & Leadership

Lead Full-Stack Developer — Georgia Tech XR (Extended Reality)   **Dec. 2023 – May 2024**
Next.js, PostgreSQL, AWS   *Atlanta, GA*
- Led the development of the Virtual Event Platform for the 2024 Immerse GT Hackathon, Georgia Tech's extended reality hackathon with over 700 participants and $20.000 of prizes in last year's edition.
- Development of website adjusting the design and content to the specifications of event sponsors such as WestRock and Startup Exchange.

IT Member — Board of European Students of Technology (BEST)   **Sep. 2022 – Aug. 2023**
Next.js, JavaScript, WordPress   *Universidad Carlos III de Madrid, Spain*
- Web development for events alongside CMS tools such as WordPress and Elementor.
- Built a URL shortener service for dynamic QR Codes, used in 96 European universities across 33 countries.