

# David Wright

Senior / Staff Full Stack Engineer | React, Next.js, TypeScript, Node.js | Cloud-Native

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🐙 github

## 👤 Summary

Senior Full Stack Engineer with **15+ years of experience** building scalable SaaS, healthcare, and IoT platforms. Proven track record delivering **cloud-native systems serving 100K+ users** and real-time pipelines processing millions of events monthly.

Strong ownership mindset with deep experience in microservices, performance optimization, and cross-functional delivery. Known for improving reliability, reducing latency, and mentoring engineers in fast-paced product teams.

**Core strengths:** distributed systems • real-time platforms • cloud architecture • end-to-end ownership

## 🧰 Professional Experience

**Senior Full Stack Developer**, SmartRent 📄 07/2021 – Present | Scottsdale, AZ

- Led architecture and development of multi-tenant IoT SaaS platform serving **150K+ users**
- Improved dashboard performance by **38%** via React and API optimization
- Designed distributed microservices processing **millions of device events monthly**
- Reduced AWS infrastructure costs by **25%** through container and service optimization
- Delivered **20+ customer-facing features** in collaboration with product and design
- Mentored engineers and established code quality standards
- Contributed to system design decisions shaping platform scalability roadmap

**Stack:** React, Next.js, TypeScript, Node.js, AWS, PostgreSQL, Docker, Kubernetes

**Full Stack Developer**, Curebase 📄 10/2015 – 05/2021 | San Francisco, CA

- Built clinical trial platform supporting **50K+ research participants**
- Improved task completion by **31%** through UX modernization
- Reduced API response time by **45%** via query optimization
- Implemented automated testing reducing production bugs **40%**
- Helped maintain HIPAA-aligned secure data workflows

**Stack:** React, Next.js, Node.js, Python, PostgreSQL, AWS

**Software Engineer II**, CCB Tech Group 📄 2013 – 09/2015 | Valdosta, GA

- Led full-stack development for multiple client engagements
- Improved application load times by **up to 50%**
- Designed backend services for high-volume workflows
- Mentored junior developers
- Worked directly with business stakeholders

**Software Engineer I**, CCB Tech Group 📄 2011 – 2012 | Valdosta, GA

- Built responsive web apps for SMB clients
- Created reusable components improving delivery speed **30%**
- Implemented REST endpoints and business logic

**Junior Software Developer**, CCB Tech Group 📄 2010 – 2011 | Valdosta, GA

- Supported development of client web apps
- Fixed legacy defects and improved UI consistency

- Assisted with database maintenance and SQL queries

## Education

**Bachelor of Science (BSc)**, University of West Florida

09/2006 – 05/2010 | USA

## Skills

### Frontend

React, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3

### DevOps & Cloud

AWS (EC2, Lambda, S3, RDS), Docker, Kubernetes, CI/CD

### Architecture

Distributed Systems, Event-Driven Design, Real-Time Processing

### Collaboration

Agile / Scrum, GitHub, Jira, Trello, Slack, Figma

## Interests

Basketball • Gym • Reading

### Backend

Node.js, Python, REST APIs, GraphQL, Microservices

### Database

PostgreSQL, MongoDB, Redis, MySQL

### Testing & QA

Jest, Cypress, Git, Webpack, Vite