Keith L Baskerville Jr.

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EDUCATION

General Assembly, *Software Engineering Immersive*   **Remote,** March 2021–June 2021
- o **12-week, 450+** hour full-time program focused on full-stack software development in a remote setting.
- o **Related Coursework:** HTML, CSS, JavaScript, Node.js, Python, PostgreSQL, MongoDB, React.js, Django, Git, and GitHub.

University of San Francisco, *M.A. in International Studies,*   **San Francisco, CA,** *August 2015– May 2017*
- o **GPA:** 3.54, *Academic Scholarship recipient.*

EXPERIENCE

General Assembly, *Software Engineer, Senior Associate Instructor,*   **Remote** *May 2022 – Present*
- Developed and delivered curriculum to 300+ students, contributing to 85% course completion rates in software development, focusing on JavaScript, Python, React, Postgres, MongoDB, RESTful API Design, and MVC architecture.
- Enhanced student proficiency by 90% through personalized feedback, debug sessions, project reviews, testing, and assessment.
- Collaborated in designing and implementing class lectures and support initiatives, contributing to 25% of teaching weekly lectures.

Codepath, *Software Engineer Tech Fellow,*   **San Francisco, CA,** *May 2024 – Seasonal*
- Supported training sessions and taught web development to interns, enhancing their skills and readiness for full-stack development roles, resulting in job placement with Salesforce.
- Enhanced team productivity by assisting with lectures, debugging, and testing code, and supporting the design and deployment of PERN-based capstone projects, resulting in a 90% improvement in system performance and student proficiency in software engineering best practices.

Strategio, *Cloud Technologist*   **Remote,** *Jan 2022 – March 2024*
- Automated CI/CD and ETL pipelines using AWS, Linux, Jenkins, and Docker, reducing deployment time by 40% and streamlining data workflows to improve scalability and operational efficiency.
- Developed documentation, and weekly tutorials, and led cloud computing demonstrations to enhance team proficiency in AWS tools and concepts, boosting productivity by 60%.

PROJECTS

Drift – AI-Driven Cloud Solutions *(Proof of Concept)*   *Jan 2025 – Feb 2025*
- **Architecture**: Microservices approach with serverless and managed AWS services
- **Hosting & Deployment**: AWS S3 (static site hosting), AWS CloudFront (CDN), AWS CloudWatch (monitoring)
- **Backend & API**: AWS Lambda + API Gateway for serverless functions, Amazon SES for automated email handling
- **Database**: AWS DynamoDB for storing form submissions and user sign-ups
- **Authentication & Security**: AWS Cognito for user authentication, IAM & Security Groups for access control

MesganaMinistries.org *, Nonprofit Donation Platform*   *Oct 2024 – Nov 2024*
- **Architecture**: Component-based React architecture with React Router for seamless client-side navigation
- **Hosting & Deployment**: Deployed on Netlify with custom domain integration for a professional online presence
- **Backend & API**: Integrated PayPal API for secure donation processing
- **Authentication & Security**: Implemented Firebase Authentication for user login and secure access control

Fivespaces*, Social Club for Interactive Content*
- **Architecture:** MVC (Model-View-Controller) design pattern for structured and maintainable code
- **Hosting & Deployment:** Frontend deployed on Netlify, backend hosted on Heroku with PostgreSQL
- **Backend & API:** Node.js & Express for API development, integrated Giphy API for interactive content
- **Database:** PostgreSQL with Prisma ORM for efficient data management and relational queries
- **Authentication & Security**: JWT authentication for user login, role-based access control (RBAC) for CRUD operations

SwiftStitch*, Inventory Management & E-Commerce Platform*
- **Architecture: Full-stack solution** using React (frontend), Django (backend), and Redux (state management)
- **Hosting & Deployment:** Deployed on Netlify (frontend) and Heroku (backend) with custom domain integration
- **Backend & API:** Django REST Framework for API development, integrating PayPal API for seamless transactions
- **Database:** PostgreSQL for storing orders, inventory, and customer data
- **Authentication & Security:** JWT authentication for secure user and admin access, role-based permissions for management

CERTIFICATIONS

AWS Certified Cloud Practitioner – Amazon Web Services (AWS), *February 2025*
PCEP – Certified Entry-Level Python Programmer – Python Institute, *January 2022*

SKILLS

Programming: HTML, CSS, JavaScript, Node, Python, React, Typescript, Django, Express, Mongoose, Prisma, Playwright, Bootstrap
Databases: PostgreSQL, MongoDB, Firebase, Amazon DynamoDB, Redshift, Snowflake
Methodologies: RESTful API Design, MVC Architecture, JWT Authentication and Authorization, API Consumption, CI/CD, Version Control
Tools: Jira, Trello, Git, GitHub, Slack, AWS Cloud Computing, GitHub, Git, Docker, Kubernetes, Jenkins, Agile