Chris P. Bacon

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Summary

Results-oriented Software Engineer with 5 years of experience designing, developing, and deploying scalable backend systems and web applications. Proficient in Python, Django, Flask, RESTful APIs, and PostgreSQL. Proven ability to lead small projects and collaborate effectively in agile environments. Seeking to leverage backend expertise in a challenging role at a forward-thinking company.

Experience

Software Engineer | Innovatech Solutions | 2020 - Present

* Developed and maintained core backend services for a high-traffic SaaS platform using Python, Django REST Framework, and Celery.
* Designed and implemented RESTful APIs for internal and external client consumption, improving API response time by 15%.
* Managed PostgreSQL database schemas, wrote complex queries, and optimized performance.
* Collaborated with frontend developers (using React) to integrate user-facing features.
* Implemented unit and integration tests using Pytest, achieving 85% code coverage for key modules.
* Utilized Docker for containerization and basic deployment tasks on AWS (EC2, S3).

Junior Developer | CodeCrafters Ltd. | 2018 - 2020

* Assisted senior engineers in developing features for client websites using Python and Flask.
* Participated in daily stand-ups, code reviews, and sprint planning (Agile/Scrum).
* Gained experience with Git version control and basic SQL database operations.

Education

Bachelor of Science in Computer Science | State University | 2018
Relevant Coursework: Data Structures, Algorithms, Database Management, Web Development

Skills

Programming Languages: Python (Expert), SQL (Proficient), JavaScript (Intermediate), Bash (Basic)
Frameworks/Libraries: Django, Flask, Django REST Framework, Celery, Pytest, React (Basic)
Databases: PostgreSQL, SQLite, Redis (Basic)
Tools & Platforms: Git, Docker, AWS (EC2, S3, RDS basics), Jira, Linux
Methodologies: Agile, Scrum, REST API Design, Unit Testing