

**John Doe**

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## Summary

Enthusiastic Software Engineer with 5+ years of experience in **Python**, **Java**, and **web development**. Proficient in **Django** and cloud technologies such as **AWS** and **Google Cloud Platform**. Strong hands-on experience with **DevOps practices** and a passion for optimizing system performance and scalability. Excellent problem-solving skills and experience in building efficient, scalable, and secure applications.

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## Technical Skills

- **Programming Languages:** Python, Java, JavaScript, HTML, CSS
  - **Frameworks & Libraries:** Django, Flask, Spring Boot, React, Angular
  - **Web Technologies:** RESTful APIs, GraphQL, WebSockets, jQuery
  - **Cloud Platforms:** AWS (EC2, S3, Lambda), Google Cloud Platform (GCP), Azure
  - **DevOps Tools:** Docker, Kubernetes, Jenkins, Ansible, Terraform, CircleCI
  - **Version Control & CI/CD:** Git, GitHub, GitLab, Travis CI, Jenkins
  - **Databases:** MySQL, PostgreSQL, MongoDB, Redis
  - **Other Technologies:** Nginx, Apache, Elasticsearch, RabbitMQ
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## Experience

### Software Engineer

**TechWave Solutions | San Francisco, CA**

**June 2020 – Present**

- Developed and deployed highly scalable web applications using **Python (Django)** and **Java**, serving 50,000+ daily active users.
- Implemented RESTful APIs and integrated third-party services using **Django REST Framework** and **Flask**, optimizing performance by 15%.
- Spearheaded migration to **AWS**, leveraging **EC2**, **S3**, and **Lambda** to improve application scalability and reduce downtime by 30%.
- Automated infrastructure management using **Terraform** and **Ansible**, reducing manual deployment tasks by 40%.
- Developed and maintained continuous integration/continuous deployment (CI/CD) pipelines using **Jenkins** and **CircleCI** to ensure smooth deployments.
- Managed containerized applications using **Docker** and orchestrated services using **Kubernetes** clusters.

### Software Engineer

**Innovatech Solutions | New York, NY**

**May 2017 – May 2020**

- Built dynamic, data-driven web applications using **Django**, **React**, and **Spring Boot**, with a focus on backend and cloud integration.

- Optimized cloud infrastructure using **GCP** services, reducing costs by 20% while improving application response times by 25%.
- Collaborated with DevOps team to automate deployments using **Docker**, **Kubernetes**, and **Jenkins**, reducing release cycles by 35%.
- Created robust logging and monitoring systems using **Elasticsearch**, **Kibana**, and **Prometheus** to ensure application reliability and performance.

## Junior Software Engineer

**BrightDev Tech | Philadelphia, PA**

**June 2015 – April 2017**

- Developed and maintained web applications using **Python (Django)** and **Java**, focusing on optimizing performance and security.
  - Assisted in setting up and managing CI/CD pipelines using **GitLab CI** and automated deployment processes.
  - Collaborated with frontend teams using **React** and **Angular** to build responsive, user-friendly web interfaces.
  - Gained hands-on experience in **AWS** services, deploying applications in cloud environments and managing security using **IAM** and **VPC** configurations.
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## Education

**Bachelor of Science in Computer Science**

**University of California, Berkeley**

**2011 – 2015**

- Graduated with honors
  - Relevant coursework: Data Structures and Algorithms, Web Development, Cloud Computing, Distributed Systems, Database Management
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## Certifications

- **AWS Certified Solutions Architect – Associate**
  - **Certified Kubernetes Administrator (CKA)**
  - **Oracle Certified Java Programmer**
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## Projects

### Cloud-Based Web Application (Python/Django)

- Built and deployed a cloud-based task management application using **Django** and **AWS** (EC2, S3, RDS) that allows teams to collaborate and manage tasks in real time.
- Integrated **CI/CD pipelines** using **Jenkins** and **Docker**, allowing for automated deployments and frequent releases.

### DevOps Infrastructure Automation

- Automated infrastructure deployment using **Terraform** and **Ansible**, reducing setup time from 6 hours to 1 hour for all new environments.
- Configured and managed **Kubernetes clusters** for containerized applications, ensuring high availability and scalability.

### Real-Time WebSocket Application (Java/React)

- Developed a real-time chat application using **Java**, **WebSockets**, and **React**, allowing thousands of users to communicate in real time.
  - Deployed the app on **Google Cloud Platform**, utilizing **GCP's** load balancing and auto-scaling features to handle traffic spikes.
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### Professional Affiliations

- Member, **Python Software Foundation (PSF)**
- Member, **Cloud Native Computing Foundation (CNCF)**