Arjav Dongaonkar

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Pune, Maharashtra - 411007, India

SUMMARY

Results-driven Software Engineer skilled in full-stack development, microservices, and scalable system design. Passionate about clean architecture, performance optimization, and modern cloud technologies.

PROFESSIONAL EXPERIENCE

Turtlemint   *June 2022 - Present*
Senior Software Engineer   Pune, India

- **Full-Stack** Development:
  - **Developed and maintained** 15 scalable web applications in microservices architecture, improving platform reliability and reducing support requests through enhanced modularity and separation of concerns.
  - Applied object-oriented design principles to build maintainable systems, improving stability by **40%**.
  - Designed 7 database schemas across PostgreSQL and MongoDB, increasing query performance by 30% and supporting data-driven applications handling 20M+ daily transactions
- **Open Source** Contributions and Security:
  - Active Contributor to the **Spring Cloud** project. Enabled Kubernetes as a composite type in Spring Cloud Config Server, allowing cloud-native k8s secrets as propertySource. [PR]
  - Implemented **OAuth2**, **OIDC**, **SAML**, SSO and RBAC for authentication and authorization purposes.
  - Reduced vulnerabilities by **80%** across 60+ Java and Node.js services by implementing Docker hardening and software supply chain best practices.
- Insurance Hub:
  - Led the **architecture** and deployment of a microservices platform on Amazon EKS, handling a throughput of over **200 API** requests per second.
  - Played a pivotal role in early project phases for 5+ Key initiatives, including problem identification, solution design, and roadmap development, aligning technical efforts with business goals.
  - **Collaborated with Product Managers** and cross-functional teams to launch 25+ feature enhancements, resulting in 30% increased user engagement.

Turtlemint   *May 2021 - May 2022*
Tech Intern   Pune, India

- Integrations Service:
  - Re-engineered legacy Sails.js integration service, increasing request-handling capacity from 8 to 215+ requests per second (2600% improvement)
  - Reduced mean response latency by 94% (from avg 500ms to 30ms) and decreased infrastructure costs by 75% while achieving a QPS of 200+ requests.

EDUCATION

Indian Institute of Information Technology   *2018 - 2022*
Bachelor of Technology in Electronics and Communication Engineering   Surat, India

- CGPA: **8.71**/10.0

TECHNICAL PROJECTS

Hospital Management System
Dongaonkar Hospital, Karanja LAD   React.js, Golang

- Developed an end-to-end hospital management system deployed on AWS EC2, integrated with **AWS Route 53** for Godaddy domain. Reduced patient record errors by **60%** and improved efficiency by **30%.**

SKILLS

- **Programming Languages:** Java, TypeScript, Python, Golang
- **Frameworks & Libraries:** Spring Boot, React.js, Django, Flask
- **Database Systems:** PostgreSQL, MongoDB, MySQL, Redis
- **Tools and Platforms:** Git, GitHub, Docker, Jenkins, Kafka, RabbitMQ
- **Cloud Technologies:** Kubernetes, AWS (EC2, S3, Route 53, CDN)

ACHIEVEMENTS

- **Turtlemint Ninja Award** Best Employee of the Quarter for outstanding performance and delivery.
- **2nd Place, TM Hackathon** Developed an in-house Google Meet application using Agora WebRTC.

INTERESTS & ACTIVITIES

- **Passionate about History** Avid reader of historical books, traveller, and curator of a home library with 200+ books
- **Classical Musician** Trained in classical singing and tabla performance
- **Technical & Travel Blogger** Author of 10+ articles on Tech and Travel on Medium [Medium]