Shiv Shankar

Full stack developer (Python, Node.js, React, PostgreSQL, DevOps and AWS)

As a battle-tested full stack developer with over 15 years of relentless software development experience across the spectrum - from high-octane startups like Intropic to global titans such as HSBC, Citi, Credit Suisse, Barclays and Infosys - I wield expertise in Python, Node.js, React, Next.js, PostgreSQL, DevOps, and AWS. I'm not just experienced; I'm a trailblazer leading teams to engineer groundbreaking, efficient solutions that set new benchmarks. My devotion to supreme code quality and unwavering focus on customer-driven projects positions me as the powerhouse your team needs to achieve unparalleled success.

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💼 WORK EXPERIENCES

Full stack developer
Intropic ⧉

12/2022 - Present   *London, UK*

- I led the full stack development of the Apptropic suite of applications - Passive Fund Intelligence, Fund Flows, and Insights, covering all lifecycle phases and managing databases.
- Enhanced process efficiency with **CI/CD** practices and pioneered **micro-frontend architecture** for scalable, easy-to-update projects.
- Directed RESTful API creation for seamless integration and excelled in data modelling for robust database structures.

Senior technical lead
HSBC software development centre ⧉

05/2018 - 12/2022   *London, UK*

- Led the creation of a Digital security platform for retail banking, scaling it across **32+** global markets to boost security and customer confidence.
- I spearheaded the development and deployment of key banking products such as Personal Loans, Home Loans, Credit Cards, Account Opening across diverse markets, including the UK, Hong Kong, Singapore, and Malaysia, tailoring them to meet local regulatory and consumer requirements.
- I managed the full technical delivery of three technical teams, each comprising 5 developers, 5 testers, a business analyst, and a UX designer.

UI architect
Wipro Limited | Client: Credit Suisse, Switzerland ⧉

11/2015 - 05/2018   *Pune, India*

- Led the development of a scalable analytics application for Credit Suisse using React, AgGrid, and D3.js for dynamic visualization and data handling, enhancing business decision-making.
- Established best practices for code quality, boosting the app's reliability and facilitating future updates.
- I managed a technical team and took responsibility for its technical delivery.

Technical lead
Citibank ⧉

08/2013 - 11/2015   *Pune, India*

- Led the launch of advanced mobile and web applications for **Citi private banking**, utilizing Ext.js and Sencha Touch, markedly improving the digital banking interface for seamless service.
- Led the redesign and development of a custom presentation layer for Citi private banking.

Full stack developer
Siemens ⧉

02/2012 - 08/2013   *Pune, India*

- I played a key role as a full stack developer on the **Active-workspace project**, which serves as an internal StackOverflow for social collaborations and knowledge sharing.

Senior software engineer
Infosys ⧉

12/2008 - 04/2011   *Pune, India*

- Spearheaded the development of a master data management application for LexisNexis, enhancing their data harmonisation, storage, and retrieval capabilities across systems.
- My role spanned the entire project lifecycle, from requirements to coding, unit testing, support, establishing a solid platform for the organization's critical data management.

🎓 EDUCATION

Bachelor of Engineering
VTU, Belgaum, India.

06/2004 - 06/2008

📜 CERTIFICATES

AWS certified solution architect - associate (08/2021)

🧠 TECHNICAL SKILLS

Frontend - React.js & Next.js
TypeScript, React Native, MUI, Jest, Playwright, HTML5, CSS3 & Tailwind.

Backend - Python & Node.js
FastAPI, Django, SQLModel, SqlAlchemy, Polars, Pandas, Pytest, Express.js, Nest.js, typeORM & GraphQL.

Databases
PostgreSQL, MongoDB & MySQL.

DevOps
Terraform, Docker, Kubernetes & Git.

Cloud platforms
AWS & Microsoft Azure.

Development Processes
TDD, TBD & Pair Programming.

🏆 AWARDS

Inspiring Performance in the esteemed category of Going Beyond Deliverables award. (06/2016)
Wipro Ltd | Client: Credit Suisse

Outstanding team award (09/2019)
HSBC | Technology

🖊 INTERESTS

Open Water Swimming   Yoga