

# Shiv Shankar

Full stack developer | Python, Node.js, React.js, DevOps and AWS | London, UK.

As a battle-tested *full stack developer* with over 15 years of relentless development experience across the spectrum - from high-octane startups to global titans such as HSBC, Citibank, Barclaycard, and Infosys - I wield expertise in Python, TypeScript, 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 EXPERIENCE

### Full stack developer

Intropic ☞

12/2022 - Present

London, UK

- I spearheaded the full stack development of the [Apptronic](#) suite of applications - *Passive Fund Intelligence, Fund Flows, and Insights*, overseeing every phase of the lifecycle.
- 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.
- **Skills:** Python, FastAPI, React.js, Next.js, TypeScript, Terraform, & DSA.

### Senior technical lead

HSBC software development centre ☞

05/2018 - 12/2022

London, UK

- I masterminded the development of a groundbreaking [Digital Security Platform](#) for retail banking, successfully deploying it across over 32 global markets.
- 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.
- **Skills:** Node.js, Express.js, TypeScript, Python, and DynamoDB.

### UI architect

Wipro Ltd | Client: Credit Suisse, Switzerland ☞

11/2015 - 05/2018

Pune, India

- I orchestrated the development of a highly scalable analytics application for [Credit Suisse](#), leveraging [React.js](#), [AgGrid.js](#), and [D3.js](#) for dynamic visualization and sophisticated data management.
- 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.
- **Skills:** React.js, AgGrid.js, D3.js, HTML5, CSS3, JavaScript, and Node.js.

## PRIOR EXPERIENCE

### Technical lead

Citibank ☞

04/2011 - 11/2015

Pune, India

### Senior Software Engineer

Steria Sopra | Client: Barclaycard, UK. ☞

04/2011 - 01/2012

Pune, India

### Senior Software Engineer

Infosys | Client: LexisNexis, US. ☞

12/2008 - 04/2011

Mysore, India

## TECHNICAL SKILLS

### Frontend:

React.js, Next.js, TypeScript, JavaScript, React Native, MUI, Jest, Playwright, HTML5, CSS3 and Tailwind.

### Backend:

Python, Node.js, FastAPI, Django, SQLAlchemy, Polars, SqlAlchemy, Pandas, Pytest, Express.js, typeORM, Nest.js, Data Structures, Algorithms and GraphQL.

### Databases:

PostgreSQL, MongoDB, DynamoDB, and MySQL.

### DevOps:

Terraform, Docker, Kubernetes and Git.

### Cloud platforms:

AWS, Microsoft Azure and GCP.

### Development Paradigms and Processes:

TDD, TBD, Functional Programming, Domain Driven design, Scaled Agile Development, and Pair Programming.

## NON-TECHNICAL SKILLS

Leadership

Communication

Creativity

Problem-solving

Attention to Detail

Client Management

Critical Thinking

## EDUCATION & CERTIFICATIONS

- Bachelor of Engineering - VTU, Belgaum, IN.
- AWS certified solution architect - associate.

## HONORS & AWARDS

Inspiring Performance in the esteemed category of *Going Beyond Deliverables*. ☞

Wipro Ltd | Client: Credit Suisse | Date: 9th June, 2016

Outstanding team award. ☞

HSBC | Technology | Date: September, 2019

## PERSONAL PROJECTS

- AI driven Stock Trading App - Python, TensorFlow.
- Dynamic Video Editing Suite - FFmpeg, and GCP.

## INTERESTS

Open Water Swimming

Yoga

Flute