

Shiv Shankar

Senior Full Stack Developer @Intropic, London (Startup) | Ready to Start Immediately.

Highly experienced, solutions-oriented developer with 15 years of expertise in managing all aspects of the Software Development Life Cycle, from in-depth analysis and design to execution and maintenance. Skilled in utilizing a diverse range of tools and technologies to deliver high-quality, cost-effective applications that enhance client efficiency and productivity. My journey has equipped me with deep expertise in Python, TypeScript, React.js, DevSecOps, and Cloud technologies. Possess exceptional coding and system design skills to create business-centric solutions.

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📍 London, UK

🌐 [linkedin.com/in/ShivLondon](https://www.linkedin.com/in/ShivLondon)

TECHNICAL SKILLS

Frontend

React.js, Next.js, TypeScript, Zod, JavaScript, React Native, MUI, Tailwind CSS, HTML5, CSS3, D3.js, Playwright, Jest, React Testing Library, AgGrid.js.

Backend

Python, Node.js, FastAPI, Django, SQLAlchemy, Polars, SqlAlchemy, Alembic, Pandas, NumPy, Pytest, Kafka, Express.js, TypeORM, Nest.js, ZooKeeper, GraphQL, Java, Go.

Databases

PostgreSQL, MongoDB, DynamoDB, MySQL, Redis.

DevOps & Cloud Platforms

GitHub Actions, GitLab CI, Terraform, HCL, Docker, Kubernetes, AWS, Azure.

WORK EXPERIENCE

Senior Full Stack Developer Intropic (Startup)

12/2022 - Present

London, UK

Achievements/Tasks

- Developed a data-intensive analytics application for stock traders, managing the entire lifecycle from initial concept to deployment, delivery and client's query support.
- Established **DevSecOps** practices and developed a **micro-frontend architecture (WebPack Module Federation)** for UI applications to enhance scalability and reusability by creating a single, unified application.
- Collaborated with others in the team to deliver secure, reliable, robust, scalable solutions which can be built, tested and deployed using automation and **CI/CD** pipelines. Advocated significance of **TDD** and **TBD** in agile development process.
- Led in the peer review process to ensure timely review and sign-off of proposed solutions.
- Demonstrated continued learning and evaluation of the latest methods, tools and technologies.
- Skills:** Python, FastAPI, SQLAlchemy, Alembic, PostgreSQL, Pandas, NumPy, Pytest, Kafka, Zookeeper, React.js, Next.js, TypeScript, Material React Table, Jest, React Testing Library, Playwright, Node.js, AWS, Azure, GitLab CI, Docker, Kubernetes, PostgreSQL.

Senior Technical Lead HSBC

05/2018 - 12/2022

London, UK

Achievements/Tasks

- Implemented **Digital Security Platform** Framework for retail banking, successfully deployed across 32+ global markets.
- Oversaw development and deployment of major banking products including **Personal Loans, Home Loans, Credit Cards, Account Opening**. Managed three technical teams of 10 members each, delivering complex projects on time.
- Documented and helped to implement detailed solutions, ensuring that application patterns adhere to platform, enterprise, security and infrastructure standards. Provided hands on support, during technical investigations and PoCs in discovery phase.
- Skills:** Python, Django, Flask, SQLAlchemy, React.js, React Native, Redux.js, TypeScript, JavaScript, Jest, React Testing Library, Node.js, TypeORM, Express.js, HTML5, CSS3, Jenkin, MongoDB, DynamoDB, AWS, Azure.

UI Architect Wipro Ltd | Client: Credit Suisse, Switzerland

11/2015 - 05/2018

Pune, India

Achievements/Tasks

- Successfully delivered data-intensive applications and gained extensive experience working with AgGrid.js and D3.js charts.
- Skill:** Angular, AgGrid.js, D3.js, JavaScript, HTML5, CSS3, Node.js, Express.js.

WORK EXPERIENCE

Technical Lead

Citibank [↗](#)

08/2013 - 11/2015

Pune, India

Achievements/Tasks

- Redesigned and implemented the presentation layer for the **Citi Private Banking** app suite compatible with mobile devices.
- Skills:** Ext.js, Sencha Touch, JavaScript, iOS, Android, Apache Cordova, Node.js, Express.js, MongoDB, jQuery.

Full Stack Developer

Siemens [↗](#)

01/2012 - 08/2013

Pune, India

Achievements/Tasks

- Contributed to the implementation of Active Workspace for Social Collaborations, a portal similar to StackOverflow.
- Skills:** jQuery, JavaScript, Python, Database Design, Object-oriented programming.

Senior Software Engineer

Steria Sopra | Client: Barclaycard, UK. [↗](#)

04/2011 - 01/2012

Pune, India

Achievements/Tasks

- Contributed to the design, development, and maintenance of the AS2 (Account Services 2) app for credit card customers.
- Skills:** Java, Spring, Hibernate, Oracle DB, Eclipse, RAD, JSP, Servlet, HTML5, CSS3, JavaScript.

Senior Software Engineer

Infosys | Client: LexisNexis, US. [↗](#)

12/2008 - 04/2011

Mysore, India

Achievements/Tasks

- Developed a Master Data Management application for LexisNexis, the largest legal firm in the US.
- Skills:** Java, Spring, Hibernate, Oracle DB, Eclipse, RAD, JSP, Servlet.

AREAS OF EXPERTISE

Team Leadership

DevSecOps

Application Architecture

TDD

TBD

Agile

Pair & Mob Programming

PERSONAL PROJECTS

AI-Driven Stock Trading App using Python and Tensorflow ML models.

Dynamic Video Production Suite using FFmpeg and Node.js.

EDUCATION & CERTIFICATES

Bachelor of Engineering, VTU, Belgaum, India.

1st June, 2004 - 1st June, 2008

AWS Certified Solution Architect-Associate.

19th Feb, 20219.

Oracle Certified Professional, Java SE 6 Programmer.

25th March, 2011.

SAFe® - Scaled Agilist (SA).

25th May, 2016.

HONORS & AWARDS

Inspiring Performance Award.

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

Outstanding Team Award.

HSBC | Date: September, 2019.

INTERESTS

Web3

AI

Cloud

Automation

System Design

Application Architecture

Security by Design