SHANTANU PRAMANIK

SOFTWARE DEVELOPMENT ENGINEER 2

linkedin.com/in/shantanu-pramanik

+49 - 170 901 3174
srs.shaan@gmail.com
shantanu0323
Berlin, Germany

Experienced Senior Software Engineer with 5 and a half years in designing, developing, and scaling web applications. Proficient in **Java**, **Python**, **JavaScript**, and **TypeScript**, with expertise in **React.js**, **Node.js**, and **Flask**. Skilled in **AWS** and **microservices architecture**. Proven ability to lead teams in delivering high-impact solutions, **improving performance** and **user experience**. Seeking a senior or lead developer role to drive innovation.

SKILLS

- **Languages:** Java, Python, JavaScript, TypeScript
- **Frontend:** React.js, Next.js, HTML5, CSS3, Bootstrap, Tailwind CSS
- **Backend:** Node.js, Flask, Django, Spring Boot
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, CloudWatch), Docker, Microservices, Kubernetes, Jenkins, CI/CD
- **DBs:** MongoDB, PostgreSQL, MySQL, AWS DynamoDB
- **Software Development:** Software Development Lifecycle, API Development, Performance Optimization, Scalable Architecture, Agile & Scrum
- **Soft Skills:** Strong Communication, Leadership, Teamwork, Problem-Solving, Conflict Resolution, Adaptability

EDUCATION

Vellore Institute of Technology

Vellore, India   **Jul 2015 - May 2019**

Bachelor of Technology (BTech) in Computer Science Engineering

- GPA: **8.99**/10

CERTIFICATIONS

META Frontend Developer

META   **May 2024 - Present**

MCSA & MCSE - Azure Cloud Platform and Infrastructure

Microsoft   **May 2018 - Present**

~ Updated 20 Mar 2025

WORK EXPERIENCE

Amazon Web Services
Software Development Engineer 2

Berlin, Germany
Oct 2024 - Present

- Developed and integrated **two new APIs** into **Amazon Q** (**LLM-based** AWS offering) and Optimized core APIs, **reducing latency** by **~90%**, and significantly improving performance.
- Designed automated monitoring with **AWS Cloudwatch** dashboards, alarms, and canaries, ensuring **100% real-time API health tracking**.
- Led **cross-team integration** to enable seamless, throttled testing of subscribed user workflows, enhancing **reliability** and **scalability**.
- Implemented security tests that **strengthened API security, reducing vulnerabilities by ~72%**, and meeting AWS security standards.
- Managed on-call shifts and contributed to successfully migrated critical plugins, improving **operational efficiency** by **~35%**.

Everheal
Senior Founding Engineer (ad-hoc CTO)

Bengaluru, India
Aug 2023 - Sep 2024

- Built the app (**React Native**), **AWS infrastructure** & monitoring, reaching **15,000 Monthly Active Users** in **6 months** post-launch
- **Led a team of 3** engineers to deliver a fully functional scalable and profitable app with a great User Experience.
- Integrated **EAS Update framework**, speeding up releases by **82%**.
- Refactored & improved notification engine, making navigation **50%** more efficient.

ThoughtSpot
Senior Software Engineer

Bengaluru, India
Nov 2021 - Aug 2023

- Built a **React.js** dashboard for monitoring pipelines, reducing errors by **23%** and improving **pipeline health**.
- Mentored **junior developers**, increasing project delivery speed by **40%**.
- Optimized **NLP processing models**, reducing cloud costs by **85% (~$4,250/month)**.

CISCO
Software Engineer I -> II

Bengaluru, India
Aug 2019 - Nov 2021

- Developed a **Flask**-based router's feature tracking system with an **intuitive UX**, leading to **90% adoption** and **60% higher engagement**.
- Built a **Machine Learning**-powered Webex Teams platform, increasing productivity by **40%**.
- Automated **CI/CD** pipelines and developed internal tools, improving team productivity by **56%**.
- **Led a team of 2** to refactor legacy JavaScript projects by modularizing components and improving API structure, cutting integration time in half.