Akshay Gupta

Senior Staff Engineer | Full-Stack Web Developer

Full-Stack Developer with 7+ years of experience in building scalable, high-performance applications. Skilled in system optimization, data migration, and leading cross-functional teams to deliver impactful solutions. Passionate about mentoring, reducing technical debt, and driving innovation.

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TECHNICAL SKILLS

Languages	Javascript, Typescript	**Database**	PostgreSQL, ElasticSearch, Redis, BigQuery, Firestore
Frameworks	Express.js, Sails.js, Next.js, Gatsby.js	**Frontend**	HTML, CSS, React, Redux, Sass
Messaging	RabbitMQ, Google Pub/Sub, AWS SQS	**DevOps**	Docker, ArgoCD
Google Cloud	Cloud Storage, CDN, CloudSQL, Functions, Tasks, Scheduler	**AWS**	S3, CloudFront, RDS, Lambda, CloudWatch
Monitoring & Logging	Kibana, NewRelic, Sentry, Google Cloud Logging	**Integrations**	Sendgrid, Postmark, Resend, Twilio, Plivo, Stripe
Testing	Jest, Mocha		

WORK EXPERIENCE

Staff Engineer - Senior Staff Engineer
PeopleGrove

01/2024 - Present   *Remote, India*

- **Developing an AI-powered Support ChatBot**, automating resolution for **recurring client issues** to reduce human dependency and improve response efficiency.
- **Redesigned and standardized logging mechanisms**, eliminating unnecessary log levels and resulting in a **40% reduction in Google Cloud Logging costs**.
- **Led the technical integration and data migration** of *Student Opportunity Center*, ensuring **seamless service continuity and a zero-downtime transition** from Firestore to PostgreSQL.
- **Directed a technical debt reduction initiative**, increasing **code maintainability by 30%** and decreasing **reported issues by 25%** across core services.

Engineering Manager
PeopleGrove

04/2022 - 12/2023   *Remote, India*

- **Mentored a team of 3 junior developers**, leading to a **40% boost in team productivity** and a **15% reduction in development cycle time**.
- **Designed and launched an NLP-powered messaging system**, improving **user engagement by 20%** and enhancing **customer satisfaction by 10%**.
- **Developed a real-time data synchronization system** between BigQuery and Customer.io, which **increased marketing campaign effectiveness by 15%** and enabled more personalized user experiences.
- **Created a migration tool for transitioning 200+ customer sites** to PeopleGrove V2, ensuring **minimal downtime and requiring little administrative setup** by university clients.

WORK EXPERIENCE

SDE I - Senior SDE
PeopleGrove

03/2019 - 03/2022   *Mumbai/Remote, India*

- **Optimized PostgreSQL queries**, dramatically reducing API response times from **4-5 seconds to under 50 milliseconds**, significantly enhancing system performance.
- **Led the development of a high-volume newsletter service**, using **Google Pub/Sub and SendGrid to reach over 500,000 users monthly with personalized content**.
- **Implemented code-splitting in React**, improving front-end performance and increasing the **Lighthouse score to over 90**, leading to better user satisfaction and retention.
- **Directed the migration of legacy code from Angular.js to React**, increasing **user engagement by 10x** and improving **page load times by 25%**.
- **Automated scheduled task execution using Cron jobs**, improving **system reliability and operational efficiency by 20%**.
- **Built a bulk matching tool for mentor-mentee pairings**, significantly increasing platform engagement and **contributing to a 15% revenue growth**.
- **Developed a robust feature flag management system**, enabling **agile feature rollouts and reducing rollback instances by 50%**.
- **Integrated Postmark for template-based emails**, streamlining communication and enhancing user engagement.
- Streamlined communication processes by **integrating Postmark** for template-based emails, enhancing operational efficiency and user engagement.

Assitant System Engineer
Tata Consultancy Services

11/2017 - 03/2019   *Hyderabad, India*

- **Developed a dashboard application using SAP OData**, providing critical sales insights and earning **recognition from management for outstanding contributions**.
- **Integrated Tableau, PowerBI, and SAP BusinessObjects with Azure SSO**, enhancing **data-driven decision-making across the organization**.
- **Conducted over 10 React.js workshops**, promoting **continuous learning and skill development** within the team.

EDUCATION

Bachelor of Engineering in Computer Science
Rajiv Gandhi Proudyogiki Vishwavidyalaya

2013 - 2017   *7.1/10 CGPA*

LANGUAGES

English (CEFR C1)
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency