



# Akshay Gupta

Staff Engineer | Full-Stack Web Developer

Full-Stack Web Developer with 7+ years of experience in agile environments, specializing in technical leadership, system optimization, and user-focused solutions. Expertise in mentoring, reducing technical debt, and delivering impactful digital products using advanced technologies.

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## TECHNICAL SKILLS

**Languages** Javascript, Typescript

**Database** PostgreSQL, ElasticSearch, Redis, BigQuery, Firestore

**Backend & Frameworks** Node.js, Express.js, Sails.js, Next.js, Gatsby.js, Jest, Mocha

**Frontend** HTML, CSS, React, Redux, Sass

**Message Brokers** RabbitMQ, Google Pub/Sub

**Cloud & Tools** Docker, Google Cloud Functions, Google Cloud Tasks, Kibana, Sendgrid, Postmark, Resend

## WORK EXPERIENCE

### Staff Engineer PeopleGrove

01/2024 - Present

Remote, India

#### Responsibilities/Tasks

- Leading the data migration project for 'Student Opportunity Center'. Goal is to successfully transitioning data from Firestore to PostgreSQL with zero downtime.
- Spearheaded the technical integration of PeopleGrove and 'Student Opportunity Center', ensuring seamless service continuity and feature integration.
- Led a cross-functional team in a strategic initiative to reduce technical debt, resulting in a 30% increase in code maintainability and a 25% decrease in reported issues across core services.

### Engineering Manager PeopleGrove

04/2022 - 12/2023

Remote, India

#### Responsibilities/Tasks

- Mentored a team of 3 junior developers, fostering their professional growth and leading to a 40% increase in team productivity and a 15% reduction in development cycle time.
- Developed and launched an NLP-powered, template-based messaging system, enhancing user engagement by 20% and customer satisfaction scores by 10%.
- Designed and implemented a real-time data synchronization system between BigQuery and Customer.io, boosting marketing campaign effectiveness by 15% and enabling more personalized user experiences.
- Developed a migration tool that seamlessly transitioned over 200 customer sites to the streamlined PeopleGrove V2, ensuring minimal downtime and requiring minimal administrative setup by university clients.

## WORK EXPERIENCE

### Senior Software Development Engineer

PeopleGrove

04/2021 - 03/2022

Remote, India

#### Responsibilities/Tasks

- Optimized complex PostgreSQL queries, resulting in a dramatic reduction in API response times from 4-5 seconds to under 50 milliseconds, enhancing user experience.
- Led the development of a high-volume newsletter service using Google Pub/Sub and SendGrid, reaching over 500,000 users monthly with personalized content.
- Improved front-end performance by implementing code-splitting in React, which increased the product's Lighthouse score to over 90, significantly enhancing user satisfaction and retention.

### Software Development Engineer II

PeopleGrove

04/2020 - 03/2021

Remote, India

#### Responsibilities/Tasks

- Automated and streamlined Cron job processes for scheduled tasks, enhancing system reliability and operational efficiency by 20%.
- Directed the migration of legacy code from Angular.js to React for key product features, resulting in a 10x increase in user engagement and a 25% improvement in page load times.
- Implemented worker threads for handling CPU-intensive tasks, optimizing system performance and scalability under high-load conditions.

### Full Stack Developer (Software Development Engineer I)

PeopleGrove

03/2019 - 03/2020

Mumbai, India

#### Responsibilities/Tasks

- Created an innovative 'bulk matching' tool for mentor-mentee pairings, which significantly increased platform engagement and contributed to a 15% revenue growth.
- Developed a robust feature flag management system, enabling more agile and risk-managed feature deployments, reducing rollback instances by 50%.
- Streamlined communication processes by integrating Postmark for template-based emails, enhancing operational efficiency and user engagement.

### Assistant System Engineer

Tata Consultancy Services

11/2017 - 03/2019

Hyderabad, India

#### Responsibilities/Tasks

- Developed a comprehensive dashboard application using SAP OData, providing critical sales insights and aiding in strategic decision-making, recognized by management for outstanding contribution.
- Facilitated seamless access to business intelligence reports by integrating Tableau, PowerBI, and SAP BusinessObjects with Azure SSO, enhancing data-driven decision-making across the organization.
- Conducted React.js workshops for over 10 sessions, cultivating a culture of continuous learning and skill development within the team.

## EDUCATION

### Bachelor of Engineering in Computer Science

Rajiv Gandhi Proudlyogiki Vishwavidyalaya

2013 - 2017

7.1/10 CGPA

## LANGUAGES

English (CEFR C1)

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency