Akshay Gupta

Staff Engineer | Full-Stack Web Developer

Experienced Full-Stack Web Developer with a 6+ year track record in agile environments, excelling in technical leadership, system optimization, and user-centric innovations. Skilled in mentoring, technical debt reduction, and leveraging advanced technologies to deliver impactful digital solutions.

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TECHNICAL SKILLS

Programming Languages	Javascript, Typescript
Frontend	HTML, CSS, React, Redux, Sass
Backend	Node.js, Express.js, Sails.js
Database	PostgreSQL, ElasticSearch, Redis, BigQuery
Frameworks	Next.js, Gatsby.js, Jest, Mocha
DevOps	Kubernetes, Docker
Cloud Providers	Google Cloud, AWS
Miscelleneous	RabbitMQ, Kibana, Firebase, Heroku, Supabase, Customer.io, Sendgrid, Postmark, Resend, Zapier, Figma

WORK EXPERIENCE

Staff Engineer
PeopleGrove

01/2024 - Present   *Remote, India*

Responsibilities/Tasks

- 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 Proudyogiki Vishwavidyalaya

2013 - 2017   *7.1/10 CGPA*

Higher Secondary Certification
Central Board of Secondary Education

2013   *93.8%*

LANGUAGES

English (CEFR C1)   Hindi
Full Professional Proficiency   *Native or Bilingual Proficiency*