

# PRATEEK RASTOGI

Solutions Architect

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## SUMMARY

Solutions Architect with 12+ years of experience designing end-to-end, scalable, cloud-native, low-latency, multi-region, and distributed systems across fintech, media, enterprise SaaS, and AI/ML domains. Proven ability to translate business outcomes into technical architectures, write code scaffolds, lead cross-functional engineering teams, and deliver high-availability solutions used by millions.

## WORK EXPERIENCE

- Solutions Architect + Principle Engineer, self-employed** Mar 2019 – Present
- Delivered 15+ products, mainly focused on Full-Stack, AI, and SaaS integrations, for femzrd(US, 19-23), indorama(UZ, 23-24), and ivy(UK, 24-26).
  - Designed cloud-agnostic architectures (AWS, GCP, Azure) covering microservices, event-driven systems, and distributed data workflows.
  - Built AI/ML integrations using LLMs, RAG, MCP, and Agentic AI pipelines.
  - Owned implementation deep-dives, solution proposals, technical roadmaps, architecture diagrams, design reviews, and stakeholder communication.
- Technical Lead @ Manager Level 2, times internet** Nov 2017 – Feb 2019
- Steered two Agile teams (12 engineers), while being 80% hands-on, to launch ETPrime platform, scaling up to 84M+ users within the first year.
  - Devised sub-100ms end-to-end application performance via advanced routing, rendering, edge compute, and caching.
  - Collaborated with product and marketing teams to prioritize features, reducing time-to-market by 30%.
- Founder & Full-Stack Developer, house of quotes** Aug 2016 – Oct 2017
- Founded consert, a tech startup recommending live music videos to 10K+ users in TikTok style fashion.
  - Orchestrated MVVM and MVC nativity in multi-datcentre Cloudflare FaaS edge app involving GraphQL, PWA, and SOA.
- Software Engineer I, fico** Jun 2014 – Jul 2016
- Architected a microservices-based BI platform, engulfing use cases belonging from fintech, insurance, healthcare, to credit approval.
  - Integrated our proprietary app with vendors PaaS, CaaS, and IaaS environments, following data best practices and compliance regulations.
- Intern, umons** May 2013 – Jul 2013
- Tasked with mining R CRAN repository for source code ecological EDA, utilizing big data ETL and ELT processing.

<b>EDUCATION</b>	<b>B.Tech, IIT Guwahati</b> Computer Science and Engineering	<b>2010 - 2014</b>	
<b>KEY SKILLS</b>	<ul style="list-style-type: none"> <li>• AI</li> <li>• Frontend</li> <li>• App</li> <li>• DevOps</li> <li>• Blockchain</li> <li>• SDLC</li> <li>• Stakeholder &amp; Product Alignment</li> <li>• Technical Leadership</li> <li>• Performance Optimization</li> </ul>	<ul style="list-style-type: none"> <li>• ML</li> <li>• Backend</li> <li>• Data</li> <li>• Cloud</li> <li>• Tools</li> <li>• Scrum</li> <li>• Security &amp; Compliance</li> <li>• Observability</li> <li>• Vibe Coding</li> </ul>	
<b>CORE EXPERTISE</b>	<p><b>Languages</b></p> <ul style="list-style-type: none"> <li>• JavaScript</li> <li>• TypeScript</li> <li>• JSX</li> <li>• JSON</li> <li>• Java</li> <li>• C#</li> <li>• Python</li> <li>• R</li> <li>• Solidity</li> <li>• Rust</li> <li>• Go</li> <li>• C++</li> <li>• C</li> </ul> <p><b>Runtime</b></p> <ul style="list-style-type: none"> <li>• Node.js</li> <li>• JDK</li> <li>• .NET</li> </ul> <p><b>CLI</b></p> <ul style="list-style-type: none"> <li>• Git</li> <li>• npm</li> <li>• pip</li> <li>• cargo</li> <li>• NuGet</li> <li>• maven</li> </ul> <p><b>Data Platforms</b></p> <ul style="list-style-type: none"> <li>• MongoDB</li> <li>• Neo4j</li> <li>• Cassandra</li> <li>• PostgreSQL</li> <li>• Cosmos DB</li> <li>• Kafka</li> <li>• Redis</li> </ul>	<p><b>Frontend+App</b></p> <ul style="list-style-type: none"> <li>• React</li> <li>• React Native</li> <li>• Expo</li> <li>• Flutter</li> <li>• Ant Design</li> <li>• Redux</li> <li>• Redux-Saga</li> <li>• Apollo Client</li> <li>• Apollo Server</li> <li>• Gatsby</li> <li>• Next.js</li> <li>• Nuxt</li> <li>• WebExtensions</li> <li>• Workbox</li> <li>• Cypress</li> <li>• Jest</li> <li>• Babel</li> <li>• Webpack</li> </ul> <p><b>Backend</b></p> <ul style="list-style-type: none"> <li>• Spring</li> <li>• Hibernate</li> <li>• Guava</li> <li>• TestNG</li> <li>• Mockito</li> <li>• Selenium</li> <li>• RxJS</li> <li>• Ramda</li> <li>• Lodash</li> <li>• Strapi</li> <li>• LoopBack</li> <li>• Express</li> <li>• standardJS</li> </ul>	<p><b>DevOps</b></p> <ul style="list-style-type: none"> <li>• Kubernetes</li> <li>• Helm</li> <li>• Knative</li> <li>• Docker</li> <li>• Jenkins</li> <li>• Terraform</li> </ul> <p><b>Cloud</b></p> <ul style="list-style-type: none"> <li>• CNCF</li> <li>• AWS</li> <li>• Google Cloud</li> <li>• Microsoft Azure</li> <li>• SAP S4/HANA</li> </ul> <p><b>Blockchain</b></p> <ul style="list-style-type: none"> <li>• Hardhat</li> <li>• OpenZeppelin</li> <li>• Hyperledger</li> <li>• Cosmos SDK</li> </ul> <p><b>Big Data</b></p> <ul style="list-style-type: none"> <li>• Delta Lake</li> <li>• NiFi</li> <li>• Airflow</li> <li>• Flink</li> <li>• Spark</li> </ul> <p><b>Observability</b></p> <ul style="list-style-type: none"> <li>• ELK</li> <li>• Prometheus</li> <li>• Grafana</li> </ul> <p><b>Agile</b></p> <ul style="list-style-type: none"> <li>• Jira</li> <li>• Confluence</li> <li>• Rally</li> <li>• M365</li> </ul> <p><b>IDE</b></p> <ul style="list-style-type: none"> <li>• Visual Studio Code</li> <li>• Chrome DevTools</li> <li>• WebStorm</li> <li>• Eclipse</li> <li>• Code::Blocks</li> <li>• IntelliJ IDEA</li> <li>• Visual Studio</li> <li>• GitHub Copilot</li> </ul> <p><b>AI+ML</b></p> <ul style="list-style-type: none"> <li>• NumPy</li> <li>• pandas</li> <li>• JupyterLab</li> <li>• Hugging Face</li> <li>• PyTorch</li> <li>• TensorFlow</li> <li>• Kubeflow</li> <li>• MLflow</li> <li>• LLM</li> <li>• vLLM</li> <li>• Ollama</li> <li>• LangChain</li> <li>• Prompt Engineering</li> <li>• Llama</li> <li>• Milvus</li> <li>• RAG</li> <li>• MCP</li> <li>• A2A</li> <li>• AutoGluon</li> </ul> <p><b>OS</b></p> <ul style="list-style-type: none"> <li>• Linux</li> <li>• Windows</li> <li>• macOS</li> </ul>