

**Deepak Kumar**  
📍 Noida, Uttar Pradesh, India

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**TECHNICAL ARCHITECT | AWS CERTIFIED**

Results-driven Technical Architect with 15 years of experience in full-stack development, cloud architecture, and scalable enterprise solutions. Expert in Node.js, React, Python, and microservices. Adept at leading cross-functional teams, integrating Cloud, AI/ML technologies, and optimizing digital platforms for performance and user engagement.

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**TECHNICAL SKILLS**

Category	Technologies
Languages	Node.js, JavaScript, TypeScript, Python, Java
Frontend	React, Angular, HTML, CSS, Redux
Backend	Express, Restify, J2EE
Databases	PostgreSQL, MySQL, MongoDB, Aurora, RDS
Cloud & DevOps	AWS (EC2, Lambda, S3, RDS, DynamoDB, CloudFormation, IAM), Docker, Jenkins, OpenShift, CloudWatch, SQS, SNS, Redis
AI/ML Tools	GPT, BERT, scikit-learn, TensorFlow, PyTorch, Matplotlib, Seaborn
Monitoring	NewRelic, Sentry, Vanta, Snyk
CMS	Contentful

**CERTIFICATIONS**

- **AWS Certified Solutions Architect – Associate**, AWS – *September 2024*
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## PROFESSIONAL EXPERIENCE

### TO THE NEW – *Noida, India*

#### Technical Architect | *Aug 2021 – Present*

- **Architected scalable mobile and web solutions** for enterprise clients like Tabcorp, Tata, and Golconda, leading cross-functional teams across frontend, backend, and infrastructure.
- **Led GenAI adoption initiatives**, including automation of insurance workflows and integration of AI tools like Cursor, Copilot, and Amazon Q to accelerate development.
- **Designed robust backend systems** with PostgreSQL and APIs to power real-time gaming and communication platforms.

#### Oracle – *Principal Engineer | Apr 2021 – Aug 2021*

- Led design and development initiatives on enterprise-grade applications with focus on performance and modularity.

#### TELUS International – *Technology Architect | Aug 2016 – Apr 2021*

- Headed frontend architecture for TELUS Home Services, ensuring consistent omni-channel experiences.
- Upgraded design systems, implemented automation in order processing, and enhanced CMS-based content delivery.

#### Moonraft – *Engineering Lead | Feb 2015 – Jul 2016*

- Delivered interactive Customer Experience Centres integrating touchscreen solutions.
- Drove UI/UX alignment between design, tech, and client teams.

#### Infosys – *Technical Analyst | Jan 2010 – Feb 2015*

- Developed and customized Finacle Retail Banking modules (Demat, PFM) for global clients like ICICI and Standard Bank.
- Pioneered the first omni-channel experience for retail banking product suite.

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## PROJECT HIGHLIGHTS

### **TabCorp Digital App** (*Jul 2024 – Present*)

- Built a mobile app to collect gaming interest data; Architected microservices for scalable performance.  
*Tech:* Node.js, AWS, PostgreSQL, Typescript, cursor

### **LPM Portal – Golconda Partners** (*May 2022 – Mar 2024*)

- Integrated AI/ML to auto-complete insurance forms with precision.  
*Tech:* React, Node.js, Python, AWS, GenAI

### **Tata Consumer Purchase Portal** (*Oct 2021 – May 2022*)

- Created order and invoice management platform integrated with SAP.  
*Role:* Full Stack Lead

### **Eurokids ARGUS LMS** (*Aug 2021 – Oct 2021*)

- Implemented push notifications and real-time communication in education platforms.  
*Role:* Technical Lead

### **TELUS Home Services** (*Oct 2018 – Apr 2021*)

- Spearheaded front-end strategy and design system upgrade.  
*Tech:* React, Node.js, Contentful, OpenShift

### **Retail Kiosk – I&I** (*Aug 2017 – Aug 2018*)

- Designed digital kiosk systems offering cash-based digital products.  
*Tech:* React, Express, PostgreSQL

### **OMS Analytics Dashboard** (*Aug 2016 – Jul 2017*)

- Web interface for Tableau analytics with enhanced UX.  
*Tech:* Angular, Bootstrap, Tableau

**Experience Centres** (*Feb 2015 – Jul 2016*)

- Led web app development for immersive AV experiences in client showrooms.

**Finacle Retail Banking** (*Jan 2010 – Feb 2015*)

- Customized banking modules and led mobile-first developments for clients in India, Sri Lanka, South Africa.

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**EDUCATION****Bachelor's Degree**

*Gandhi Institute of Engineering & Technology, 2009*