Kunal Singh

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EDUCATION

Bennett University   Greater Noida, UP
Bachelor of Engineering   Expected Sep 2025
Major in Computer Science
Cumulative GPA: 8.1/10.0;
Relevant Coursework: Software Engineering; Operating Systems; Algorithms; Artificial Intelligence; System Design

WORK EXPERIENCE

TEC TREE SOFTWARE CONSULTING (ERP Consulting Firm)   Noida, UP
Technical Project Manager Intern   Jul 2024 – Dec 2024
- Conducted comprehensive client requirement gathering sessions and collaborated with cross-functional teams to design tailored ERP solutions, resulting in a 20% increase in implementation efficiency.
- Managed the implementation of Microsoft Dynamics 365 Business Central for a leading FMCG distributor, ensuring seamless data migration and integration with existing systems, enhancing operational efficiency by 30%.

UNIVERSITY PROJECTS

Voice over VPN Solution on AWS   Nov 2023
- Designed an innovative system enabling encrypted voice calls and messaging solely for authenticated VPN users; achieved zero security breaches during program testing phase with robust encryption protocols in place.

Alumni Meet   May 2023
- Implemented a seamless digital environment for student-alumni engagement using Flutter, AWS, Python, Supabase, and LinkedIn OAuth 2.0; streamlined user experience which grew session registration by over 200 participants monthly.
- Designed robust backend services that supported real-time interaction features on the connection platform; findings identified three critical areas of improvement that enhanced system reliability during peak usage times.

Certifications

AWS CERTIFIED CLOUD PRACTITIONER

- Designed and implemented cost-optimized cloud architectures using AWS services, achieving a 15% reduction in resource expenses for client projects.
- Gained expertise in AWS core services, including EC2, S3, RDS, and IAM, leveraging them to enhance scalability and security for enterprise applications.

ADDITIONAL

Technical Skills: Advanced in SQL, Proficient in C++, Python
Languages: Fluent in Hindi, English
Cloud Computing: AWS (Certified Cloud Practitioner)
Compute & Serverless: EC2, Auto Scaling, Elastic Load Balancer
Storage & Databases: S3, EBS, RDS, DynamoDB
Networking & Security: VPC, Subnets, Route 53, Security Groups, CloudFront
Productivity Tools: MS Office, Canva, PowerPoint
Soft Skills: Communication Skills, Teamwork & Collaboration, Leadership & People Management, Adaptability & Quick learning, Problem-Solving & Critical Thinking