Menaka Gowda Ananda

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EDUCATION

Carnegie Mellon University, PA   December 2026
Master of Information Systems Management
Coursework: Object-Oriented Programming in Java, Statistics, Intermediate Database, Organizational design.

Visvesvaraya Technological University Belagavi, India   July 2024
Bachelor of Computer Science Engineering (with Honours degree)   GPA: 3.97 / 4.0
Coursework: Object Oriented Programming, Data Structures, Algorithm Design and Analysis, Relational Database Management, Big Data Analytics, Operating Systems, Machine learning, Software Engineering, Ethical hacking

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SKILLS

Programming & Development: Python, Java, C++, HTML, CSS, JavaScript, Django, Apache Sling
Cloud & DevOps: Amazon Web Services (EC2, S3, DynamoDB, Lambda, IAM, CloudWatch, CloudFormation, Lex, Polly, Comprehend, Transcribe, Translate, Keyspaces, VPN, Route 53, Security groups), Terraform, Git, Apache Maven, Linux
Data & Databases: SQL (PostgreSQL, MongoDB, Oracle), Cassandra, DynamoDB, Apache Spark, Hadoop, Power BI, Tableau.
Machine Learning & AI: Scikit-learn, TensorFlow, OpenCV
Certifications - AWS Certified Solutions Architect, AWS certified AI practitioner.
Networking & Security: TCP/IP, DNS, HTTP, SSH, SMB, firewalls, intrusion detection concepts

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PROFESSIONAL EXPERIENCE

Amazon Web Services India Private Limited, Cloud Support Associate   July 2024 - july2025
- Delivered **technical consulting and architectural support** to 100+ enterprise customers, specializing in **Big Data and AI services**.
- Troubleshoot complex issues and optimize **database performance** to improve reliability and scalability.
- Collaborate with cross-functional teams to resolve technical challenges and deliver efficient **cloud solutions**.

Amazon Web Services India Private Limited, Cloud Support Associate Intern   March 2024 - june 2024
- Designed and implemented an **automation script** for cross-account **DynamoDB table data migration**, reducing migration time from hours to **minutes** and eliminating manual errors.
- Acknowledged internally and is considered to be adopted as an **AWS feature**.
- Gained hands-on experience in **cloud automation** and customer-centric solution design.

Adobe Systems India Private Limited, Technical consultant intern   April 2023 - june 2023
- Developed and maintained **Adobe Experience Manager (AEM) components, templates, and workflows**.
- Configured AEM to enable **web and mobile applications**, ensuring seamless content management.
- Enhanced platform efficiency by facilitating **AEM integration** with business requirements.

ACADEMIC AND PROFESSIONAL PROJECTS

AWS DynamoDB Data Transfer Automation   March 2024 – June 2024
Developed a CloudFormation + Python (Boto3) automation script for cross-account DynamoDB table migration, saving 90% of manual effort and time while eliminating error-prone processes; recognized internally for potential adoption as an AWS feature.

AI-Based Career Counselling Chatbot   January 2024 – June 2024
Built an NLP chatbot using Python and Django to provide personalized career guidance, leveraging text classification, intent recognition, and knowledge-graph recommendations to improve decision-making for students.

AI Virtual Mouse   June 2023 – December 2023
Directed a 3-member team to designed a gesture-based virtual mouse using OpenCV and MediaPipe for hands-free interaction, achieving 85% accuracy in real-time hand tracking through multi-threaded processing; enhanced accessibility for users with motor disabilities. Published the research in *Springer* journal as part of the Communications in Computer and Information Science (CCIS) series

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LEADERSHIP AND AWARDS

- Class Representative for the department for 4 consecutive years in Bachelors - representing 200+ students and liaising with faculty to resolve academic and administrative issues.
- Rotaract Club Editorial Director (2 years) – Collaborated with cross-functional teams to lead content initiatives and drive impactful communication.
- Student Placement Co-ordinator, elected for 2 years.
- **AWS Customer Obsession Award** issued by AWS Support Engineering.
- **Best Paper Award** for research on Algorithmic Vision in Movies (IEEE ICAIT 2024).