

CONTACT

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Portfolio: www.devdattam.com

- PROFESSIONAL
EXPERIENCE

Executive Engineer – ARCANE™ Division | 2024–Present

TessArmex CoreTech

- Designed and developed the ARCANE™ encryption framework from the ground up, focusing on adaptive AI-based security and performance optimization.
 - Lead the ongoing expansion of ARCANE™'s architecture, integrating new modules, handling deployments, and ensuring reliability across TessArmex systems.

Solutions Architecture Web Simulation | 2025

Amazon Web Services APAC (AWS)

- Completed a virtual job simulation on Forage with AWS APAC, building a cloud solution for a client using key AWS services like EC2, S3, and RDS.
 - Gained hands-on experience in designing scalable, cost-efficient architectures and explaining technical decisions in clear, client-focused language.

Software Engineering Job Simulation | 2025

Electronic Arts (EA)

- Proposed and implemented a new game-feature prototype (including a feature proposal and object class design) working with game-engineering concepts like inventory systems and live bug-fixing.
 - Worked across a full stack of development tasks—from writing a game object class to improving the inventory system—to mirror real engineering responsibilities in a game-studio setting.

Web Software Engineering Job Simulation | 2025

Skyscanner EU

- Built a full-stack proof-of-concept platform using React (front-end) and a microservice architecture (back-end) for travel search and itinerary features, mirroring real Skyscanner engineering workflows.
 - Enabled mobile flight-itinerary functionality and optimized user-interface components for responsiveness and scalability, demonstrating hands-on skills in product engineering and cloud-based deployment.

Cyber Security Web Simulation | 2025

Deloitte Australia

- Participated in a virtual simulation to analyse and identify a potential internal cybersecurity breach, reviewing system logs and spotting non-human activity within the organisation's network.
 - Applied forensic investigation techniques to determine attacker origin, assessed network access routes, and delivered recommendations to improve incident response procedures for future threats.

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EDUCATION

IU International University of Applied Sciences | 2024-2027

Bachelor of Science in Computer Science

- Specialized in Full Stack Web Development
- Web Dev - Score 96/100

CERTIFICATES & ACHIEVEMENTS

Google Analytics Individual Qualification

By Google

ARCANE Patent

By IP Office India

NSE Certified

By Fortinet

NDG Linux Unhatched / Linux Essentials

By Cisco

Google Cloud Essentials

By Google

AWS Cloud Foundations

By Amazon

Infrastructure Foundations Associate

By Oracle Cloud

Introduction to Digital Marketing

By Infosys

Harvard CS50

By Harvard

Programming in C# Certification

By Udemy

Python for Data Science

By Infosys

Full Stack Cloud Developer (Essentials)

By IBM

CyberOps Associate

By Cisco

Enterprise Linux Technical Overview

By Red Hat

Generative AI Concepts

By Infosys

CLUBS & MEMBERSHIPS

Google Developer Student Club

Since 2024

Microsoft Learn Student Ambassadors

Since 2024