

Anmol Mallikarjun Nemagouda

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EDUCATION

M.S. Computer Software Engineering

Arizona State University

Expected December 2025

Tempe, Arizona, USA

- Courses: Cloud Computing, Languages and programming paradigms, Advanced DSA, Game Design and Development.

B.E. Information Science and Engineering

Dr. Ambedkar Institute of Technology

July 2020

Bengaluru, Karnataka, India

- 8.65 CGPA

TECHNICAL SKILLS

Tech: Python, C/C++, Java, HTML, CSS, Data Structures & Algorithms, OOPS, Problem Solving

Tools and Databases: Git, GitHub, MS Office suite, MySQL

Methodologies and Cloud Platforms: Agile (Scrum), AWS, Azure, Google Cloud

PROFESSIONAL EXPERIENCE

Systems Engineer

Tata Consultancy Services

July 2020 - January 2023

TCS, Bangalore, India

- Led a team of 6 system engineers at TCS, overseeing maintenance, testing, and support of critical Cybersecurity tools for SHELL.
- Demonstrated rapid skill acquisition and leadership potential, transitioning from a fresher in fall 2020 to team lead by December 2021.
- Conducted rigorous testing of SmartCard platform products, including Yubikey and the online platform.
- Managed customer and end-user relations, ensuring seamless operations and exceptional service quality.
- Produced weekly reports and presentations, maintaining a 100% KPI rate while handling executive-level issues.
- Oversaw server infrastructure upkeep, updates, security, and maintenance for SHELL's SmartCard services.

PROJECTS

Compiler and Virtual Machine for a Programming Language

Arizona State University (Class group Project)

April 2024 - May 2024

Tempe, Arizona

- Co-designed and developed a robust lexical analyzer, parser, and runtime environment for a custom programming language. Utilized Python and Prolog to ensure accurate code interpretation and seamless execution.

Landscape Creation Project

Pear Edge Academy

January 2023 - April 2023

Bangalore, India

- Utilized internal tools and freely available assets to craft captivating landscapes within Unreal Engine 5.
- Demonstrated proficiency in environment design, focusing on aesthetics.

IOT and Android based Smart Parking Reservation system

Dr. Ambedkar Institute of Technology

August 2019 - May 2020

Bangalore, India

- Designed and implemented a smart parking reservation system prototype, integrating hardware (GSM module, sensors, Renesas microcontroller) and software (Android app). Collaborated with a multidisciplinary team to create an efficient solution for managing parking spaces.

CERTIFICATIONS AND TRAINING'S

- Problem solving, Python programming and Video Games, **Coursera** Aug 2020
- TCS and LinkedIn Certifications, **LinkedIn/TCS portal** Jan 2021 - Oct 2023
- Courses: Certifications of Azure and Google Cloud, Excel fundamentals, Networking Fundamentals, Agile.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

Received an award for exceptional work for the year from TCS client, Shell.

2022