

# DINESH MANIVANNAN

## BACHELORS OF COMPUTER ENGINEERING

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Computer Engineering graduate with strong skills in data analysis, AI, software development, and cloud computing. Experienced in programming, embedded systems, and real-world smart system projects. Certified in Huawei Cloud Computing, Artificial Intelligence and passionate about building intelligent, data-driven solutions. Seeking AI/ML Engineer and Data Analyst roles to apply technical expertise and drive innovation.

### AREA OF EXPERTISE

Microsoft Power BI	C Programming	Tableau	Proteus	Amazon Web Services
SQL	Python Programming	Jupyter	Verilog HDL	Natural Language Processing
R Language	AWS Cloud	DynamoDB	LABView	Large Language Models

### PROFESSIONAL EXPERIENCE

#### TECHNICIAN – QUALITY ASSURANCE

MAY 2021 – SEPTEMBER 2021

VERTURE COPERATION LIMITED – TAMPOI, JOHOR

- Led a group of QA technicians to ensure compliance with quality standards, company guidelines & procedures whilst providing necessary support to production.
- Had performed evaluation, NPI builds, failure analysis, setup, and calibration.
- Assisted Test Engineer in test improvement, maintenance, and repair of test equipment & fixtures.

#### INTERNSHIP – ASSISTANT ENGINEER ( DIPLOMA )

OCTOBER 2020 – FEBRUARY 2021

ESCATEC ELECTRONICS SDN BHD – BAYAN LEPAS, PENANG

- Assist the engineer with a specific project.
- Inspect the PCB boards which failed to process through QA inspection and make an inspection plan for each item.
- Performed research on PCB manufacturing machinery and its mechanisms.

#### INTERNSHIP – ASSISTANT ENGINEER ( BACHELORS )

JULY 2024 – OCTOBER 2024

AMADEUS IT GROUP – KUALA LUMPUR INTERNATIONAL AIRPORT

- Supported the operation and maintenance of the airport cloud system, ensuring high availability and performance.
- Performed system application management, including updates, configuration, and monitoring.
- Gained hands-on experience with cloud applications and real-world cloud infrastructure connectivity.
- Assisted in troubleshooting system and network issues to maintain seamless airport operations.

### EDUCATION

#### DIPLOMA-ELECTRONIC AND COMPUTER ENGINEERING

JULY 2018 - FEBRUARY 2021

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

CGPA : 2.88

- SMART WASTE MANAGEMENT SYSTEM [PROJECT].

#### BACHELORS OF COMPUTER ENGINEERING ( ONGOING )

SEPTEMBER 2021 - AUGUST 2025

UNIVERSITY MALAYSIA PERLIS

CGPA : 3.00 ( ONGOING )

- FIRE DETECTION AND MONITORING SYSTEM FOR MI ENVIRONMENTAL PRESERVATION AND PUBLIC SAFETY [PROJECT].
- 16-BIT INTEL MICROCONTROLLER, AUTOMATIC PARKING SYSTEMS.
- PREDICTION OF HOUSE PRICES WITH EXTREME GRADING BOOSTING [FINAL YEAR RPROJECT].

### ADDITIONAL INFORMATION

- **Languages:** English, Bahasa Malaysia, Tamil.
- **Certifications:** IBM Data Analyst, IBM Generative AI Engineering, AWS Cloud Solutions Architect Specialization, AI Engineer for Data Scientists Associate, Google Data Analytics, Python Data Associate, IBM Data Science.