

# Jayden Maxwell

Full Stack Software Engineer & Machine Learning

412-580-4289 • Pittsburgh, PA (Open to Remote)

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## SUMMARY

Detail-oriented **Software Engineer** with experience building secure **web applications** and **scalable APIs**. Well versed in **system design**, **root-cause analysis**, **solution architecture**, and **cross-team collaboration** and **documenting software bugs**.

## Skills

- **Technical** – **MERN**, (MongoDB, Express.js, React, Node.js) Django, Flask, PostgreSQL, Machine Learning Models.
- **Program Languages** – **Python**, SQL, JavaScript
- **Methodologies** – **Agile**, **Scrum**, Waterfall, Test-Driven Development

## PROFESSIONAL EXPERIENCE

*Parmar Convenience Store - Assistant Manager*

*Jul 2022 – Present*

- Optimized daily workflow by effectively **leading my team**, **managing inventory stock** and **improving efficiency** by 82%.

*Break Through Tech • Software Engineering Sprintership (3 weeks)*

*May 2025 – May 2025*

- Built an **ML** ticket-routing system with **TF-IDF + Naive Bayes**, achieving **74% accuracy**.
- Enhanced **model accuracy** by cleaning datasets and applying **SMOTE** for class balancing.
- Deployed the model as a **RESTful API with FastAPI (Python)** for real-time prediction.

*Smithmicro • QA Technician*

*Apr 2019 – Apr 2021*

- Performed QA testing on **Android** devices for **AT&T**, **Cricket**, **Google**, and **Verizon** in store displays.
- Designed and executed **test cases** for **bug detection** using **Jira** for enhancing the software, **ViewSpot**.
- Captured logs and debugged issues using **Android Studio**.

## PROJECTS

*Devfolio - Full Stack MERN (MongoDB/mongoose • Express.js • React • Node.js)*

*Mar 2025 – Present • [github.com/JaydenPearlM/Jayden\\_MERN\\_WEBSITE](https://github.com/JaydenPearlM/Jayden_MERN_WEBSITE)*

- Built a responsive portfolio site with the **MERN stack** to showcase projects.
- Implemented **CI/CD pipelines** with **GitHub Actions** and integrated secure file uploads with **Multer**.
- Validated and tested **API routes** using **Postman** and **Swagger**.

*Cache Budgeting App • Full Stack MERN (MongoDB/mongoose • Express.js • React • Node.js)*

*Jul 2025 – Sep 2025 • [github.com/JaydenPearlM/Capstone\\_Project](https://github.com/JaydenPearlM/Capstone_Project)*

- Built a personal finance app with the **MERN stack**, enabling users to track budgets, expenses, and savings goals.
- Implemented **JWT-authenticated routes** and secure data storage with **MongoDB/Mongoose**.
- Deployed full-stack web application to **Render** for production hosting.

*Credit Card Fraud - Machine Learning*

*Jan 2025 – Mar 2025 • [github.com/JaydenPearlM/Credit\\_Card\\_Fraud\\_Forest-Model](https://github.com/JaydenPearlM/Credit_Card_Fraud_Forest-Model)*

- Developed a fraud detection system in **Google Colab** using a **Random Forest model**, achieving 86% accuracy.
- Cleaned and preprocessed credit card transaction data from Kaggle to improve reliability.
- Collaborated with peers to reduce false positives and enhance detection performance.

## EDUCATION

*Community College of Allegheny County (CCAC)*

*Sep 2022 - Present*

- Associates of Science: **Software Development** • Expected Dec 2025
- **GPA**: 3.02 • **Clubs**: Rainbow Alliance and the Computer Club
- Acquired Software requirements analysis, debugging, performance optimization, and cross-functional collaboration.

*Techwise by TalentSprint, funded by Google*

*Mar 2024 – Sep 2025*

- **Full Stack Software Engineering** Program • **Certification** of Completion
- Honors: Extra Curricular Dedication Award

## Of Note:

*Presenter • CCAC Teaching & Learning*

*Sep 2025 – Sep 2025*

- Presented on the impact of AI education and its evolving role in student learning in front of the Board of Trustees of CCAC.