

# Van Phat Phan

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## EDUCATION

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### University of Central Florida

May 2025

- Bachelor of Science. Major Computer Science, Minor Robotics.
- GPA 3.8. Dean's List.
- Relevant courses: Algorithm and Data Structure, Computer Security, Computer Architect and Organization.
- Member: UCF Robotic, HackUCF, SASE, SHPE.

**Certification:** AWS Cloud Practitioner Certification (September 2023)

## TECHNICAL SKILLS

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**Language:** Java, Golang, JavaScript, C, Python, HTML, CSS, SQL, NoSQL.

**Framework:** Spring, Spring-boot, Gin, React.js, React Native, Express.js, Node.js, Django, Flask, Terraform, Bootstrap, Tailwind, Junit, TypeScript.

**Technology:** Git, Github, VSCode, IntelliJ, Postman, MongoDB, Oracle SQL, Amazon Web Services (AWS), Microsoft Azure, MySQL, Docker, AI/ML, Kubernetes, Linux, Windows WSL, Agile Methodologies, Maven.

## EXPERIENCES

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### JP Morgan & Chase

Jun 2023 – Aug 2023

*Software Engineer Intern*

Tampa, FL

- Designed and deployed a scalable database to the cloud using Liquibase, Spinnaker, and Oracle SQL to store and manage up to **17 million data records**.
- Developed an enterprise-scaled data ingestion application with Java Spring Batch, MongoDB, and Oracle SQL database to increase **data availability by 17%**.
- Allowed **100+ clients and regulators in many countries** to securely retrieve business and product data by developing Graph APIs and REST APIs with code optimization.
- Enhanced the **accuracy and consistency of data by 90%** by developing the reconciliation data-driven service using Java Spring Boot and Apache Kafka.
- Achieved **100% line coverage** by implementing Junit Testing, incorporated the software development life cycle, and automated the deployment by utilizing Jules Jenkins CI/CD data pipeline.
- Participated in **Agile Methodologies** to organize project timelines effectively. Worked collaboratively with 140+ team members from the UK, Singapore, and India.

### University of Central Florida

Aug 2023 – Present

*Learning Assistant & Science Tutor*

- Hosted labs and tutoring sessions for science courses for students. Improved exam grades by 20%.

### Royal Supply

Jul 2019 – Dec 2022

*IT Technician*

- Installed and maintained computers with checkout software and customer database.
- Modified appointment booking software reduces processing time and improves the business's efficiency.

## PROJECTS

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**Syllabus.io** | *Go, Gin, AWS EC2, S3, SQS, Terraform, Postgres SQL, Docker (Developing)*

- Building a full-stack application allows users to view, upload, and download PDF files of class syllabus.

**Coastal Compass** | *Next.js, Node.js, MySQL, Tailwind*

Code For Good. Plano, Texas

- Collaborated with a team of seven to build Coastal Compass, a full-stack web application for a non-profit organization based in South Texas, to provide accessible education opportunities to individuals in rural areas with limited transportation and education access.