

Nurlan Mammadli

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SUMMARY

Aspiring Software Engineer with experience building full-stack and mobile applications using Node.js, React Native, Django, and Supabase. Skilled in backend, full-stack development, API design, and database management. Strong collaborator with hands-on experience leading team projects and participating in hackathons. Passionate about developing scalable software solutions and growing as an engineer through real-world, impactful work.

EDUCATION

University of Central Florida

Bachelor of Science, Computer Science

•GPA: 3.78

Aug 2023 - Aug 2027

Orlando, FL

EXPERIENCE

University of Central Florida, College of Sciences

Undergraduate Learning Assistant

Aug 2024 - Present

Orlando, FL

- Facilitated student comprehension in Calculus I at the Mathematics Assistance and Learning Lab (MALL), demonstrating a passion for learning and problem-solving.
- Collaborated with peers to adapt instructional techniques, reflecting an eagerness to learn and a commitment to innovative, digital solutions in educational settings.

University of Central Florida, College of Engineering and Computer Science

Undergraduate Research Assistant

Jan 2025 – May 2025

Orlando, FL

- Conducted research on continuous Linux kernel fuzzing, optimizing configurations to maximize patch coverage and minimize downtime.
- Leveraged hands-on technical expertise and analytical skills to resolve complex system challenges in a collaborative development environment.

PROJECTS

PickUp UCF mobile application (<https://github.com/nurlanmnn/pickup-ucf>)

Knight Hacks VIII Hackathon (Oct 24–26, 2025)

- A mobile app for UCF students to find, create, and join pickup sports sessions.
- Built with React Native (Expo), TypeScript, and Supabase backend.
- Enabled UCF email verification, full CRUD for sports sessions with filtering, search, capacity management, skill levels Real-time chat for session participants.

SkillMatch AI Web Application (<https://github.com/EthanDelCampo/SkillMatchAI>)

Knight Hacks Project Launch (Spring 2025)

- Developed the backend of an AI-powered career recommendation system using Node.js, Express, and OpenAI's GPT API.
- Created RESTful API endpoints to process survey data and return personalized career suggestions.
- Ensured efficient data handling, validation, and seamless integration with the frontend.

CirclD mobile application (<https://github.com/nurlanmnn/circlD>)

Personal Project (May 2025–Present)

- A mobile platform for friends and groups to manage shared expenses, chat, and organize activities.
- Built with React Native (Expo), Django REST Framework, and PostgreSQL database.
- Implemented user authentication, real-time group chat, image sharing, and expense tracking with automatic balance calculation and settlement suggestions.

SKILLS

- **Industry Knowledge:** Back-End Web Development, Python Development, Software Development, Software Engineering, Full-Stack Development, Mobile App Development
- **Tools & Technologies:** HTML5, CSS, JavaScript, Python, C, Java, Django, Django Rest Framework, React Native Expo, Node.js, Express.js, PostgreSQL, SQL, Docker, MongoDB, Selenium, Beautiful Soup, Supabase

CERTIFICATIONS

- **Summer research school in Mathematics and Informatics:** HSSIMI • 2022