

# Nevin Ramjitsingh

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## EDUCATION

### Florida State University

Bachelor of Arts in Computer Science

**Minor:** Communications

Tallahassee, FL

December 2023

**Relevant Coursework:** Introduction to Programming in C++, Data Structures, Algorithms and Generic Programming I & II, Computer Organization, Computer and Network System Administration, Advanced Programming with Java, Web Programming & Design, Introduction to Programming Using Python, Theory and Structure of Databases, Software Engineering

**Involvement:** Association for Computing Machinery, Association for Computing Machinery at FSU Programming Club

## WORK EXPERIENCE

### Florida State University

Production Support Assistant, Campus Event Services

Tallahassee, FL

Jun 2022 – Mar 2023

- Coordinated the setup and configuration of technical equipment for studio productions and events, ensuring efficient operations
- Managed and operated advanced camera systems, including robotic and field setups, to support high-quality production standards
- Configured and maintained audio and communication systems, enhancing sound quality and event coordination

## PROJECTS

### Full Stack Pet Planner React Application | *SQLite, Express, React JS, HTML/CSS, JavaScript*

- Led a cross-functional team to create a Dog Planner web app, leveraging React JS, HTML/CSS, and Javascript for users to efficiently manage pet care schedules, with customizable reminders for walks, meals, and vet appointments, and personalized dog profiles, aimed at simplifying pet management for busy owners
- Transformed user engagement and experience by developing and seamlessly integrating user authentication and pet registration features using SQLite, Express, and React, ensuring enhanced functionality and cohesive front-to-back-end connectivity

### Fitness Tracking React Application | *React, HTML/CSS, JavaScript, Firebase*

- Created Nevin's Fitness Forge, a fully functional fitness tracking web application using React, HTML/CSS, JavaScript, and Firebase with standout features like real-time data storage and calculation for user profiles
- Implemented BMI and BMR calculations, daily caloric intake tracking with visual progress bars, and weight progress tracking with interactive charts
- Leveraged Firebase Firestore for streamlined user access processes and accelerated data retrieval, while enhancing security with custom authentication workflows, real-time data synchronization, and data encryption

### Food Finder React Application | *React, Node.js, Express, HERE API, Yelp API*

- Designed and implemented a web application enabling users to explore random restaurants based on preferred food types and location, with real-time data integration from the Yelp API, utilizing React, Node.js, and Yelp API
- Enhanced user experience by integrating interactive maps, routing features, and geolocation tracking using HERE API for seamless navigation from user location to the restaurant
- Optimized UI performance by leveraging React hooks and state management for asynchronous API calls and dynamic updates, resulting in improved performance

### Job Application Logger Next.js Application | *NextAuth, Google APIs, React, HTML/CSS, JavaScript*

- Developed a Job Application Logger web application using Next.js and React, enabling users to efficiently track and manage their job applications by integrating with Gmail APIs for automated email fetching and classification into distinct statuses such as Submitted, Interview Requested, Assessment Requested, Offer, and Rejected
- Implemented secure user authentication and authorization with NextAuth, ensuring that user data and email information are handled safely and in compliance with best practices, enhancing user trust and data integrity
- Leveraged Natural Language Processing (NLP) techniques to categorize job-related emails, improving organization and enabling users to prioritize follow-ups and monitor application progress seamlessly

## SKILLS

**Technical Skills:** Full-Stack Development, Front-End Development, Back-End Development, Agile Development, TCP/IP, API Integration, JWT Authentication, OAuth2, Natural Language Processing (NLP)

**Developer Tools / Technology:** Git, Github, UNIX, VSCode, React.js, Node.js, Next.js, MySQL, SQLite, MongoDB, Firebase

**Programming Languages:** C++, Java, Python, JavaScript, HTML, CSS, PHP, SQL