

# AVINASH BHAVANCHEEKAR

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## EDUCATION

**Pace University, Seidenberg School of Computer Science and Information Systems** | GPA: 3.86/4  
Master of Science (MS) in Computer Science | **Concentration:** Software Development  
**Relevant Coursework:** Application Development, Java Programming, DSA, DBMS, Software Testing

**New York, NY**  
December 2024

**K.S.R.M College of Engineering** | GPA: 7.02/10

Bachelor of Technology | Electronics and Communication Engineering

**Kadapa, India**  
May 2025

## TECHNICAL SKILLS

**Programming & Scripting:** Python, Java, Kotlin, JavaScript, SQL, GraphQL

**ETL & Backend:** FastAPI, RESTful APIs,

**Databases:** RDBMS (MySQL, PostgreSQL), Firebase

**Cloud & Tools:** AWS, Docker

**CI/CD & Tools:** Jenkins, GitHub Actions, Jira

**Methodologies:** Agile, Scrum

**Testing & QA:** Cypress, Junit, Postman, RestAssured, BDD

**Problem solving and DSA:** Solved 300+ questions on LeetCode in java

## WORK EXPERIENCE

### UGenome AI

Software Engineer

**Green Valley, AZ**  
April 2025 – Present

- Built and maintained a scalable React + TypeScript frontend for complex genomic analysis workflows resulting in a scalable, user-friendly platform that improved engagement and decision-making
- Created a Python and FastAPI backend with an object-oriented architecture to integrate Method, Spinwheel, and Quiltt's financial APIs and collecting user data, transaction histories, and credit scores, enabling in-depth analysis
- Processed the combined financial data to devise personalized and streamlined strategies aimed at debt elimination and credit score improvement for users
- Implemented unit testing alongside developing powerful API endpoints with FastAPI as well as containerizing the entire application with Docker, ensuring effortless integration, scalability of the React frontend and PostgreSQL database

### PACE UNIVERSITY

Graduate Intern

**New York, NY**  
August 2023 – December 2024

- Orchestrated the end-to-end logistics for over 600 annual student organization events by managing complex reservations and coordinating with multiple departments, resulting in the seamless, error-free execution of student programming
- Analyzed event attendance data and Key Performance Indicators (KPIs) using MOM and YOY metrics to produce detailed reports that directly informed departmental strategy and improved future engagement
- Developed a comprehensive training program and detailed process documentation, leading to a seamless staff transition and significantly increasing the efficiency of the onboarding process

### ACCENTURE

Trust and Safety New Associate

**Hyderabad, Telangana**  
November 2021 – November 2022

- Detected and resolved internal policies of malware, phishing, and cyber-attacks in website code by site enforcement, using internal tools for compliance takedown
- Worked together with clients and quality assurance to track metrics and make relevant changes to improve functionality, operational efficiency
- Trained more than 20 new team members on various processes and client financial data workflows, considerably improving team efficiency and adeptness

## ACADEMIC PROJECTS

### EzCars Web Application

September 2024 – December 2024

- Developed responsive front ends with ReactJS, HTML, and CSS across multiple platforms (Windows, macOS, Android, iOS)
- Built Spring Boot REST APIs with MySQL for real-time bookings and transactions
- Managed scalable deployments and cloud testing pipelines using AWS and Docker
- Implemented secure Stripe payment workflows and monitored backend logs for API reliability

### Student Wellbeing Fitness Android Application

March 2024 – May 2024

- Developed an Android app using Java and Kotlin within Agile sprint cycles
- Managed secure user data with Firebase Database, tracking workout progress and logins
- Validated features through Agile testing using Logcat and unit tests