Abdullah Khan

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EDUCATION

Farmingdale State College — **Expected Graduation: May 2026**
Bachelor of Science in Computer Science, Minor in Applied Mathematics — *Farmingdale, NY*
- Relevant Courses: Data Structures and Algorithms, Discrete Structures, Object Oriented Programming, Software Engineering, Mobile App Development, Computer Architecture, Systems Programming, Linear Algebra

EXPERIENCE

Farmingdale State College — **Aug. 2024 – Present**
Computer Science Peer Tutor — *Farmingdale, NY*
- Incoming computer science peer tutor for Fall 2024

CodePath — **May 2024 – Aug. 2024**
Technical Interview Prep Apprentice | Certificate — *Remote*
- Participated in a technical interview prep course led by Meta, Amazon, and Microsoft engineers, enhancing skills in software industry preparation and coding interview techniques

International Cricket Council — **May 2024 – Aug. 2024**
Information Technology Intern — *East Meadow, NY*
- Deployed and configured computers, printers, network systems, and other hardware for 9 departments, ensuring 100% uptime during the T20 Cricket World Cup for 500,000+ attendees and 200+ million viewers
- Resolved 150+ support tickets, including software crashes and printer malfunctions, reducing average response time by 20% and minimizing downtime
- Trained staff on hardware and software usage, creating documentation that reduced support requests by 25% and received positive feedback from 80% of users

Engageathon — **Jan. 2024 – May 2024**
Software Developer Intern — *Bala Cynwyd, PA*
- Implemented user authentication and content creation features in React Native for the mobile app using Django and PostgreSQL, resulting in a 40% increase in daily active users and 75+ app downloads
- Optimized API performance using Django REST framework and Swagger UI, reducing average response time by 60%
- Led a 15-member Agile development team, driving bi-weekly sprints and daily stand-ups, which accelerated feature delivery rate by 30%, achieved 95% of sprint goals, and reduced bug backlog by 40%

AT&T — **July 2023 - Aug. 2023**
Technology Academy Apprentice | Certificate — *Remote*
- Completed a 6-week intensive training, mastering Agile and Scrum, which improved software development efficiency and enhanced project management skills
- Gained hands-on experience with 5G strategy, cloud computing, and network troubleshooting, leading to improved business performance through effective data analytics

Pongspace — **June 2023 – Aug. 2023**
Web Developer Intern — *New York, NY*
- Redesigned previous reservation system, implementing robust email verification workflows using React and Node.js, resulting in a 95% reduction in booking errors and a 40% increase in successful reservations
- Created a corporate league event page using React, facilitating the organization of events for over 100 teams, enhancing community engagement, and driving a 30% increase in site traffic

PROJECTS

TeamDocs (Google Docs Clone) | *Next.js, TypeScript, TailwindCSS*
- Simplified Google Docs app, including web page, database & server to process and store document data
- Engineered a WebSocket-based communication layer using Socket.IO, enabling real-time document editing with less than 100ms latency for over 50 simultaneous users

Kartenchaos (Self-Created Card Game) | *HTML, CSS, JavaScript, Socket.IO, Node.js*
- Developed a strategic 1v1 health-point card game that increased player retention by 40% through balanced gameplay mechanics involving luck and tactics.
- Implemented extensive customization features, including selectable card designs, background music, and in-game chat options, improving user reviews by 50%
- Handled real-time multiplayer interactions using Socket.IO, maintaining stable performance for 100+ active players, and achieving a 95% uptime rate

TECHNICAL SKILLS

Languages: C, C++, C#, Java, JavaScript, Python, Kotlin, TypeScript, HTML/CSS, SQL
Developer Tools: Git/GitHub, Jira, Docker, AWS, Agile, MongoDB, Postman, Firebase, LaTeX, Visual Studio, Android Studio
Technologies/Frameworks: React, Next.js, Express.js, Node.js, Angular.js, TailwindCSS, SpringBoot, Flask, Django

LEADERSHIP

AI & Machine Learning Club — **Dec. 2023 – Present**
Co-Founder — *Farmingdale State College*
- Recruited 30+ members and organized expert talks, hands-on workshops, and presentations, demonstrating AI/ML's societal impact and modern applications