

Bhanu Upadhyayula

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SUMMARY

Junior Unity Developer & Quality Advocate

Aspiring professional with a strong technical foundation in Unity 6 and Android systems. Proven track record of identifying and resolving complex bugs through the successful publication of 'Squares Proximity' on Steam. Eager to apply systematic troubleshooting, performance optimisation, and modular C# architecture design to high-performance mobile simulation platforms.

PROJECTS

Squares Proximity

Jan. 2025 – Aug. 2025

- **Architecture & Mechanics:** Engineered a highly optimised C# runtime loop using a data-driven grid configuration and custom event-tracking handlers.
- **AI Development:** Authored a scalable state-evaluation system that processes relational vectors to prioritise high-efficiency game state calculations.
- **UI/UX Implementation:** Built a high-contrast, minimalist user interface ensuring game-state readability across complex board configurations.
- **Full Pipeline Delivery:** Managed the end-to-end product development lifecycle, including code optimization and successful deployment to the Steam platform.
- **Documentation & Maintenance:** Contributed to documenting code and maintained organized project documentation to facilitate future knowledge transfer.

WORK EXPERIENCE

Next Retail Ltd

Nov. 2025 – Present

Sales Consultant

Telford, Shropshire

One of the UK's leading fashion and home retailers.

- **Professional Communication:** Deliver clear and effective solutions to a diverse range of customers in a high-volume retail environment.
- **Operational Reliability:** Maintain a consistent record of punctuality and professional conduct while balancing technical development milestones.
- **Team Collaboration:** Partner with colleagues to ensure optimal store operations and high-quality service standards.

Phoenix Group

Jan. 2024 – Oct. 2024

Customer Service Representative

Telford, Shropshire

Focused on clear communication and active listening to resolve complex account issues. Collaborated with internal teams to provide precise information, demonstrating a solo-to-team mindset shift.

- **Collaborative Communication:** Liaised with internal teams to provide precise technical information, ensuring swift resolution of complex account issues.
- **Detail-Oriented Resolution:** Focused on active listening and clear communication to document and resolve high-priority inquiries.
- **Team-Centric Operations:** Transitioned from solo task management to a collaborative team environment, a core requirement for fast-paced, high-performance software engineering teams.

TSYS Managed Services

May 2018 – Jan. 2024

Fraud Analyst

Milton Keynes, Buckinghamshire

Applied critical thinking and systematic reviewing to diagnose complex transaction issues. Clearly expressed problem insights and explained the reasoning behind fraud determinations to management, showcasing a strong quality for junior programmers.

- **Systematic Investigation:** Applied critical thinking and systematic reviewing to diagnose complex transaction issues, directly mirroring software bug reproduction workflows.
- **Technical Reporting:** Clearly expressed problem insights and explained the reasoning behind complex determinations to management, ensuring high-quality outcomes.
- **Analytical Problem Solving:** Specialised in identifying root causes within high-volume data environments to maintain system integrity.

Bristol Laboratories

2013 – 2017

Accounts Assistant

Luton, Bedfordshire

Managed multiple work streams with effective time management to support business operations. Maintained clear and organised project documentation to facilitate team-wide knowledge transfer.

- **Project Documentation:** Maintained clear and organised documentation to facilitate team-wide knowledge transfer and consistent reporting standards.
- **Workstream Management:** Managed multiple high-priority workstreams with effective time management to support business operations.
- **Data Integrity:** Ensured accuracy across diverse datasets, reflecting the high attention to detail required for zero-allocation memory management and mobile performance validation.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Unity Certified Developer (1st May 2021)
- **Skills:** Unity; C#; Git; Performance Optimization; Unity Profiler; Cross-Platform Troubleshooting; UI Toolkit; Unity Asset Integration; JetBrains Rider; Agile Development; Problem Solving
- **Interests:** Virtual Reality & Spatial Computing; Fitness & Wellness (Cricket & Swimming); Health & Nutrition Science

EDUCATION

College of Technology London

Feb. 2007 – Sep. 2008

Major: PG in Business Administration, HR Management

London, UK

C.V.R. College of Engineering

Mar. 2002 – Sep. 2006

Major: B-Tech in Computer Science & Information Technology

Hyderabad, India