



# Brooklyn Ballard

## Principal Software Engineer

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### STRENGTHS

- 💡 **Innovative Thinking**  
Transformed traditional programming approaches into creative solutions for emerging issues. Colleagues often sought my insights during brainstorming sessions.
- 👥 **Mentorship**  
Enjoy guiding junior developers, often seeing their growth as validation of my teaching approach. Many seek me out for advice during code reviews.
- 🔗 **Cross-Functional Collaboration**  
Excel at bridging gaps across divisions, making sure stakeholder interests are prioritized. Frameworks thrive when all voices are included.
- ✂️ **Problem Solving**  
Keen problem solver who analyzes situations quickly yet thoroughly. Known for finding paths forward even in challenging circumstances.
- 🔄 **Adaptability**  
Thrives in dynamic settings where adaptability is key. Maintaining flexibility ensures both staff and projects flourish amid challenges.

### SKILLS

AI and Machine Learning

Software Development Life Cycle

Cloud Computing

Agile Methodologies

Team Leadership

Java Programming

Python Programming

DevOps Practices

Project Management

### SUMMARY

Dynamic software engineer with over 10 years of experience in building innovative AI-driven solutions. Passionate about enhancing platform functionality and leading projects that integrate cutting-edge technologies. Expertise in overseeing cross-functional teams to drive successful engineering initiatives. Proven ability to streamline processes, mentor engineers, and engage with stakeholders effectively. Looking forward to new opportunities that leverage technical skills while encouraging collaboration and creativity. Unique capacity for identifying trends, solving complex problems, and delivering impactful results in fast-paced environments. Eager to contribute to a forward-thinking organization focused on driving transformation.

### EXPERIENCE

#### Senior Software Engineer

Tech Innovations Inc. 📅 March 2018 - Present 📍 New York, NY

Manage the development of advanced AI-based applications that significantly improve user engagement. Lead collaborations with product management and design teams to establish software requirements and ensure precise implementation. Foster a culture of excellence by mentoring junior developers and encouraging coding best practices across the team.

- Spearheaded the creation of AI-driven applications, boosting user engagement remarkably.
- Collaborated closely with cross-disciplinary teams to define and refine software specifications.
- Played a critical role in guiding junior engineers through rigorous code reviews and mentorship.
- Actively participated in stage-gate meetings to assess project progress and align goals.

#### Software Engineer

NextGen Systems 📅 June 2015 - February 2018 📍 Los Angeles, CA

Contributed to the development of machine learning models designed to enhance system performance and user satisfaction. Worked within Agile methodologies to prioritize tasks and ensure on-time delivery of features. Engaged directly with clients to identify needs and devise effective technology solutions tailored to their requests.

- Developed machine learning algorithms that elevated performance levels significantly.
- Utilized Agile methods, ensuring deadlines didn't compromise quality or accuracy.
- Engaged in direct client interaction to troubleshoot issues and gather feature requests.
- Documented processes and improvements to create a knowledge base for future reference.

#### Software Developer

CodeCraft Solutions 📅 January 2013 - May 2015 📍 Austin, TX

Assisted in crafting thoughtful software solutions focusing on user-centric design and efficiency. Collaborated with various departments to aggregate insights needed for app optimization. Helped innovate tools that simplified workflows and enhanced organizational performance.

- Facilitated application design and execution, always considering user feedback.
- Worked cross-functionally to collect data which informed software enhancements.
- Improved internal toolsets that enhanced overall project efficiency dramatically.
- Participated in collective brainstorming sessions that inspired fresh innovations.

### LEADERSHIP & AWARDS

- Recipient of Top Tech Innovator at Tech Innovations, recognizing impactful leadership in AI advances.
- Awarded Best Collaborative Project award at NextGen Systems for successful cross-functional teamwork.

Database Management

Web Development

User Interface Design

Containerization

Microservices Architecture

Test Automation

Networking Concepts

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER



● Senior Software Engineer at Tech Innovations Inc. (8.2 Years)

● Software Engineer at NextGen Systems (2.7 Years)

● Software Developer at CodeCraft Solutions (2.3 Years)

## EDUCATION

**Bachelor's Degree in Computer Science**

University of Illinois 🎓 GPA: 3.8 📅 2012 📍 Champaign, IL

*Coursework: Data Structures, Algorithms, Machine Learning, Cloud Computing*

## CERTIFICATIONS

- Certified Kubernetes Administrator (CKA) 📅 2021
- Google Professional Cloud Architect 📅 2020

## TECHNICAL SKILLS

- **Development Frameworks:** Spring, Django, Flask
- **Cloud Platforms:** AWS, GCP, Azure
- **Collaboration Tools:** JIRA, Confluence, Slack
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Programming Languages:** Java, Python, C++, JavaScript
- **Testing Tools:** JUnit, Selenium, JUnit
- **Machine Learning Libraries:** TensorFlow, Scikit-learn, Keras
- **Container Orchestration:** Kubernetes, Docker, OpenShift
- **Data Storage:** SQL, NoSQL, PostgreSQL
- **Monitoring Tools:** Prometheus, Grafana, ELK Stack

## PROFESSIONAL AFFILIATIONS

- Active member of the Software Engineering Society, fostering connections and professional growth.
- Volunteer for Technology for Good, utilizing tech skills to support non-profit initiatives.

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST