

# Brooklyn Ballard

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## SUMMARY

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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

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### Senior Software Engineer

March 2018 - Present

Tech Innovations Inc.

*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

June 2015 - February 2018

NextGen Systems

*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

January 2013 - May 2015

CodeCraft Solutions

*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

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- 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.

## EDUCATION

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### Bachelor's Degree in Computer Science

2012

University of Illinois GPA: 3.8

*Champaign, IL*

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

## CERTIFICATIONS

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

## TECHNICAL SKILLS

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- **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

## SKILLS

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- AI and Machine Learning
- Software Development Life Cycle
- Cloud Computing
- Agile Methodologies
- Team Leadership
- Java Programming
- Python Programming
- DevOps Practices
- Project Management
- Database Management
- Web Development
- User Interface Design
- Containerization
- Microservices Architecture
- Test Automation
- Networking Concepts

## PROFESSIONAL AFFILIATIONS

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- 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.

## LANGUAGES

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- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST