

Pooja Bahuguna

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Visit my website: <https://poojabahuguna.me>

Education

Purdue University, *Masters in Engineering Management*

Jan 2024 - Dec 2025

University of Petroleum and Energy Studies, *B.Tech Computer Science Engineering(Cloud Computing)*

July 2016 - May 2020

Experience

Product Engineer, Ollion, Pune, India

Oct 2021 - Dec 2023

- Spearheaded product development from concept prototyping to market launch, driving cloud-based solutions and DevOps technologies for ST Engineering Land Systems Ltd., overseeing product roadmaps, product planning, and lifecycle management.
- Facilitated MVP demonstrations, delivered KPIs to stakeholders, and gathered feedback to continuously improve functionalities, leveraging A/B testing to optimize features and ensure compliance with industry standards.
- Optimized UAT processes by analyzing product performance with Python, SQL, data analytics, and AWS, while conducting risk assessments and developing mitigation strategies that reduced system downtime by 30%.
- Collaborated and led cross-functional global teams, including UI/UX, Web Development, GoLang Developers, IoT Specialists, Data Engineers, Frontend, and Backend Developers, to implement Agile methodologies, including Scrum. Managed product development using JIRA, Confluence, and Excel, achieving a 25% reduction in project delivery time.

DevOps Engineer, ToTheNew, Noida, India

Feb 2020 – Oct 2021

- Delivered critical CI/CD pipelines as a DevSecOps(Security and Devops) Engineer at MaxLife Insurance using Jenkins, overseeing seamless continuous integration and deployment of the online platform on AWS cloud platform, resulting in a 50% increase in deployment frequency.
- Collaborated closely with customer support, sales and marketing teams to gather insights on customer needs and feedback, driving product enhancements that improved customer satisfaction scores by 12% for MaxLife Insurance.
- Spearheaded the development of the DevOps Wiki at ToTheNew, increasing employee productivity by 35% and reducing troubleshooting time by 40%, using AWS cloud and NGINX technologies.

DevOps Engineer Intern, ToTheNew, Noida, India

June 2019 - Aug 2019

- Designed and deployed a robust AWS infrastructure for monitoring user-provided URLs, ensuring high availability and scalability and integrated Django for seamless database connectivity, improving system efficiency and user interaction
 - Managed the codebase using GitHub for version control, enabling smooth collaboration and updates across the development team.
 - Created and delivered PowerPoint presentations to showcase the project's infrastructure design and performance metrics, effectively communicating progress and outcomes to stakeholders and senior management.
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Leadership Experience

- **Program Manager**, Entrepreneurs of Tomorrow, US
 - Led the 'Youthpreneur' and 'Pitch For Your Life' events, driving success through strategic planning and execution.
 - Coordinated cross-functional teams in UI/UX, Marketing, and Web Development to ensure smooth collaboration.
 - Served as the primary point of contact for external stakeholders, applying strong interpersonal communication, critical thinking, and attention to detail to ensure seamless coordination, and effective relationship management.
 - **Project Manager**, Green Eco Tek LLC : Experiential Learning Initiative (ELI)
 - Advised the CEO on market expansion strategies by collecting and analyzing market data, focusing on product marketing, go-to-market strategies, and methane-reduction solutions to penetrate untapped market segments
 - Lead market research and consumer analysis to identify growth opportunities and formulated marketing strategies, including an Eco-Subscription model, to drive revenue growth and sustainability.
 - Received two employee recognition awards at Ollion for delivering high client value through prompt product delivery.
 - Mentored 12 engineering students through ToTheNew Mentor Program, conducting mock interviews and technical training.
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Skills Azure, GCP, Outlook, Problem Solving, Product planning, Business management, Configuration Management, Product Management, Product Requirements, Resource Allocation, Business Analytics, Statistics, Quality Control, Competitive Analysis, Data Science, Confluence, SaaS, Slack, Data Visualization, Industrial Engineering, Documentation, Analytical Thinking

Certifications

- AWS Certified Solutions Architect, GCP Associate Cloud Engineer