

GAURAV P

Finnish citizen
Vantaa, Finland

Experience

Aibidia AI Lead	Helsinki, Finland Feb 2025 to present
Successfully delivered GenAI-focused projects that led to new products for the platform. Responsibilities include analyzing the AI landscape, driving experimentation, building proof-of-concepts, and managing end-to-end project execution. Additionally, played a key role in team expansion through strategic recruitment. Key areas: Conversational AI and data extraction	
Nosto Solutions Research Lead - Researcher	Helsinki, Finland Oct 2019 to Feb 2025
Lead a team of data scientists as the head of AI Lab , while focusing on ML and GenAI initiatives that directly resulted in innovative use cases and products. Key areas: conversational systems, recommender systems, visual understanding, search and segmentation.	
Carl von Ossietzky University Research Assistant	Oldenburg, Germany Jan 2014 to Mar 2015
Project work and academic research in the field of software engineering, mainly related to software quality and its comparison.	
NIIT Technologies Analyst	Noida, India Sep 2010 to Dec 2013
Drove mobility applications initiative by undertaking various duties like project management, requirement gathering, communication with the technical team and product demonstrations.	
Other Positions	
Independent contractor for <i>mydeco.com</i>	Oct 2009 to Apr 2010
Research Internship at <i>Max Planck Institute for Informatics</i> (Saarbrücken, Germany)	Feb 2009 to Sep 2009
Search Architect Internship at <i>mydeco.com</i> (London, UK)	Jul 2008 to Oct 2008
Internship at <i>Microsoft</i> (Hyderabad, India)	Aug 2006 to Oct 2006
Internship at <i>Faculty of Information Technology</i> (Brno, Czech Republic)	Jan 2005 to Jul 2005

Education

Doctor of Philosophy University of Jyväskylä (Faculty of Information Technology)	Jyväskylä, Finland 2015 to 2019
Thesis: <i>Utilization of Efficient Features, Vectors and Machine Learning for Ranking Techniques</i> Grade: 4.0 (highest pass mark: 5.0; lowest: 1.0) Published articles in various reputed journals and conferences. Also a staff member at the faculty for three years.	
Masters in European Business ESCP-Europe European School of Management	London, UK 2007 to 2008
Awarded merit, Average Grade: 16.5/20 One year- two country joint program with Management Development Institute-India. Also awarded Post Graduate Diploma in International Management (MBA equivalent)	
Master of Science (Computer Science) Max Planck Institute for Informatics	Saarbrücken, Germany 2005 to 2007
Grade: 1.7 (highest pass mark: 1.0; lowest: 4.0) Thesis: <i>Retrieval Model Enhancement by Implicit Feedback from Query Logs</i>	
Bachelors of Technology (Information Technology) Indian Institute of Information Technology	Allahabad, India 2001 to 2005
Grade: 8.91 (highest pass mark: 10.0; lowest: 4.0)	

Skills

- Applied Machine Learning & AI Products:** Development of conversational AI, recommendation systems, semantic understanding, segmentation, and generative AI solutions, translating machine learning research into production capabilities and customer-facing products.
- AI Engineering & Cloud Platforms:** Design and deployment of AI-powered applications, LLM-based workflows, automated data extraction systems, cloud-based AI solutions on AWS and Azure, and scalable machine learning services.
- Software Engineering & Data Systems:** Python development, machine learning pipelines, data processing systems, API integrations, experimentation frameworks, and production deployment of AI and analytics solutions.
- Technical Leadership & Cross-Functional Collaboration:** Leading AI initiatives, defining technical direction, mentoring data scientists, driving AI strategy, and partnering with product, engineering, and business stakeholders to deliver measurable impact.
- Languages:** English (Fluent), Finnish (Intermediate), German (Intermediate), Hindi (Native)

Skills Chart

Skill	***** very strong	**** strong	*** average	** medium	* some experience	Years of dedicated work experience	Last time used (m/y)
A/B Testing		x				~ 1,0 years	02/2025
Agile Team Master			x			~ 2,5 years	06/2026
Agile Team Member	x					~ 8,0 years	06/2026
Agile SW development		x				~ 8,0 years	06/2026
AI chatbots	x					~ 2,5 years	06/2026
AI agent systems	x					~ 2,5 years	06/2026
Artificial Intelligence	x					~ 12 years	06/2026
AWS		x				~ 4,0 years	02/2025
AWS Bedrock				x		~ 0,2 years	06/2024
AWS Lambda			x			~ 0,3 years	02/2025
AWS Sagemaker				x		~ 0,2 years	06/2024
AWS S3		x				~ 2,0 years	02/2025
Apache Spark				x		~ 0,3 years	11/2024
Azure Cosmos DB		x				~ 0,6 years	05/2026
Azure Databricks					x	~ 0,1 years	03/2026
Azure Machine Learning Studio		x				~ 0,5 years	02/2026
Azure Web Apps		x				~ 0,6 years	06/2026
Bash				x		~ 1,0 years	06/2026
CI/CD			x			~ 6,0 years	03/2026
Confluence	x					~ 5,0 years	02/2025
Consultant Experience		x				~ 4,0 years	06/2026
Data Architecture Design			x			~ 5,0 years	06/2026
Data Modelling			x			~ 4,0 years	06/2026
Data Science	x					~ 12,0 years	06/2026
Data Visualization			x			~ 3,0 years	06/2026
Deep Learning	x					~ 4,0 years	06/2024
Fine-tuning pre-trained ML models		x				~ 1,0 years	02/2025
Generative AI	x					~ 4,0 years	06/2026
GenAI Product Development	x					~ 4,0 years	06/2026
Git		x				~ 8,0 years	06/2026
HTML				x		~ 1,0 years	06/2026
Infrastructure as code (IaC)				x		~ 0,4 years	08/2025
Integrating ML models into software/services (e.g., via APIs)	x					~ 2,0 years	04/2026
Jira		x				~ 7,0 years	06/2026
JSON	x					~ 5,0 years	06/2026
Large Language Models (LLM)	x					~ 4,0 years	06/2026
Linux			x			~ 3,0 years	03/2015
Machine learning (ML)	x					~ 12 years	06/2026
MLOps			x			~ 1,5 years	06/2026
MongoDB		x				~ 5,0 years	02/2025
MySQL				x		~ 1,0 years	06/2024
Natural Language Processing	x					~ 8,0 years	06/2026
Open Search / Elasticsearch				x		~ 2,0 years	08/2025

Postgre SQL				x		~ 0,5 years	06/2024
Project management		x				~ 3,5 years	06/2026
Python (programming)	x					~ 10 years	06/2026
PyTorch		x				~ 0,0 years	05/2025
R			x			~ 3,0 years	08/2019
RAG	x					~ 2,5 years	06/2026
REST			x			~ 2,0 years	06/2026
Scrum Team Master			x			~ 3,0 years	06/2026
Scrum Team Member		x				~ 8,0 years	06/2026
Shell script				x		~ 2,0 years	06/2026
Solution Architecture	x					~ 0,0 years	m/202y
SQL		x				~ 3,0 years	06/2026
SW architecture design		x				~ 4,0 years	06/2026
SW requirements spec		x				~ 6,0 years	06/2026
Tensorflow		x				~ 3,0 years	02/2025
Terraform				x		~ 0,2 years	08/2025
Using cloud-based AI services (e.g., GCP Vertex AI, AWS SageMaker)	x					~ 5,0 years	06/2026
Web app dev			x			~ 4,0 years	06/2026
Web Services			x			~ 4,0 years	06/2026
Written and spoken English	x					~ 20,0 years	06/2026
Written and spoken Finnish {non-native}				x		~ 5,0 years	06/2026
LLM as a judge	x					~ 1,5 years	03/2026
Recommender Systems	x					~ 8,0 years	02/2025
Conversational AI	x					~ 4,0 years	06/2026
Semantic Search	x					~ 4,0 years	02/2025