

MOCHAMAD RAYHAN PRASETYA

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SUMMARY

Bachelor's degree graduate in Urban and Regional Planning from Universitas Sebelas Maret with practical internship experiences in spatial planning and infrastructure analysis. Passionate about sustainable urban development, environmental management, and disaster mitigation. Proficient in GIS and mapping tools such as ArcGIS, and Avenza Maps. Demonstrated ability to work independently or collaboratively in multidisciplinary teams with strong communication, public speaking, and leadership skills.

EDUCATION

SEBELAS MARET UNIVERSITY Bachelor's Degree in Urban and Regional Planning GPA: 3,21 / 4,00 Thesis: Performance Level of Landslide Disaster Mitigation in Selo Sub-district, Boyolali Regency Relevant Cousework & Projects: <ul style="list-style-type: none">Urban Settlement Planning Studio – (RKP Desa Wonorejo Tahun 2024 – 2029) Responsible for analyzing sectoral and multi-sectoral data, developing concepts and strategies for formal housing in peri-urban areas, designing mitigation plans for these settlements, and identifying program indications and five-year investment plans. I also conducted land physical condition analysis to inform appropriate planning strategies.Regional Planning Studio – (RTRW Kabupaten Sragen Tahun 2024 – 2044) Conducted studies and analyses of multiple sectors including social, economic, land use, infrastructure, and relevant policies in Sragen Regency. Through this course, I gained knowledge of spatial planning regulations and enhanced my skills in spatial analysis.Urban Planning Studio – (RDTR Kabupaten Karanganyar Tahun 2022 – 2042) Identifying the strengths, weaknesses, opportunities, and threats in Karanganyar Regency. Collecting and analyzing spatial data for basic physical aspects and multisectoral analysis. By studying this course, I was able to develop my competencies in preparing spatial planning documents, zoning regulations, and urban planning.Site Planning – Kemuning Tea Garden Conducted a SWOT analysis (Strengths, Weaknesses, Opportunities, and Threats) of the Kemuning Tea Plantation area. Designed logical relationships between building mass, spatial layout, zoning, service access, and maintenance. This course enhanced my ability to prepare land for site planning by considering the site's basic physical conditions, climatic factors, and visual perspectives to and from the site, in order to optimize the natural landscape potential.	Surakarta, Indonesia 2020 – 2025
SMA Negeri 3 Kediri High School Diploma	Kediri, Indonesia 2016 – 2019

EXPERIENCE

PT. BRILLIAN KONINDO UTAMA Research Study Assistant <ul style="list-style-type: none">Planned and developed a cooperation model between the Ministry of Transportation and business entities (private or state-owned enterprises).Collaborated in preparing government cooperation proposals with business entities for pioneering transportation services.Developed guidelines outlining the government's role in sea transportation operations.	Jakarta, Indonesia February 2023 – June 2023
BAPPEDA KABUPATEN KEDIRI Spatial Planning Infrastructure Intern <ul style="list-style-type: none">Reviewed the master plan for the proposed capital city of Kediri District in 2024.Conducted a feasibility survey of Kediri District's infrastructure to support its designation as the district capital in 2024.Analyzed the infrastructure readiness of Kediri District to serve as the new district capital in 2024.	Kediri, Indonesia January 2024 – February 2024

LEADERSHIP AND ACTIVITIES

KULIAH KERJA NYATA (KKN) UNS	Surakarta, Indonesia
Media & Design Coordinator	July 2024 – August 2024
<ul style="list-style-type: none">Managed real-time reporting of activities via social media.Designed event visuals: lanyards, banners, uniforms, and promotional materials.Published informative content through Instagram to promote activities and community engagement.	
BADAN SEMI OTONOM (PEMUDA TATA RUANG PERENCANAAN WILAYAH DAN KOTA UNS)	Surakarta, Indonesia
Head of the Organization	January 2022 – January 2023
<ul style="list-style-type: none">To enhance students' enthusiasm for participating in student organizations and communities within the academic program.To organize engaging and service-oriented activities for all students of Urban and Regional Planning.Contributed to enhancing the quality of human resources, both within the academic program and among the broader student community.	
HIMPUNAN MAHASISWA PERENCANAAN WILAYAH DAN KOTA UNS	Surakarta, Indonesia
Organizational Development Staff	January 2021 – January 2022
<ul style="list-style-type: none">Organized capacity-building programs (training, seminars, workshops).Developed and evaluated annual work plans to improve organizational performance.Promoted member engagement through collaborative activities and internal projects.	

TECHNICAL SKILLS

- GIS Software:** ArcGIS
- Mapping Tools:** Avenza Maps, Tracklia, Google Earth Pro, SAS Planet
- Statistical Tools:** SPSS
- Office:** Microsoft Office (Word, Excel, PowerPoint)
- Design & Media:** Adobe Photoshop, Adobe Premiere Pro, Adobe Illustrator CC, Canva

PERSONAL SKILLS

Leadership | Team Collaboration | Public Speaking | Creativity | Critical Thinking | Adaptability | Problem Solving