

Urban Unit Developer Interview Cheat Sheet

1. About You

I'm a full-stack web developer with 3+ years of experience in Laravel, Node.js, and MySQL. I've built scalable APIs, dashboards, and GIS-integrated platforms using Leaflet and GeoJSON. I'm passionate about solving real-world problems through technology.

2. Why Urban Unit?

Urban Unit drives policy and urban planning using data and technology. I want to contribute to smart city initiatives and decision support systems that impact real lives.

3. Tech Stack Summary

- Backend: Laravel, Node.js (Express)
- Frontend: HTML, Tailwind CSS, Blade
- Database: MySQL, PostgreSQL
- GIS: Leaflet.js, OpenStreetMap, GeoJSON
- APIs: REST, JWT, Axios
- Tools: Git, GitHub, Linux VPS
- Others: Firebase FCM, JazzCash/UBL integrations, Printify API

4. Common Interview Q&A

Q: How do you secure an API?

A: Laravel - Sanctum/Passport, middleware; Node.js - JWT, middleware, input validation.

Q: Describe a GIS integration?

A: Used Leaflet and GeoJSON to plot vehicle routes on OSM maps; backend in Node.js.

Q: Optimize a large-scale app?

A: Use indexes, cache, pagination, eager loading, and lazy loading in frontend.

Q: Version control & deployment?

A: Git + GitHub, Linux VPS, GitHub Actions for CI/CD.

5. Final Interview Tips

- Keep GitHub/projects ready
- Review Urban Unit GIS work
- Take printed resume and sample code
- Be ready for scenario-based questions