

1. Technology Stack: MERN (MongoDB, Express.js, React.js, Node.js)

Component	License	Cost	Notes
MongoDB (Community Edition)	Server Side Public License (SSPL)	Free	Only if you offer MongoDB as a hosted service do you need to comply with extra SSPL rules.
Express.js	MIT	Free	No restrictions beyond attribution.
React	MIT	Free	Maintained by Meta & community.
Node.js	MIT	Free	Maintained by OpenJS Foundation.

⚡ **Important:** If you use **MongoDB Atlas** or other managed services, you pay for hosting resources — but the software itself is free.

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For designing and planning, the developer asked for 10K.
This can be reduced, as we will provide the design and planning

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Frontend (developer asked for 55k)
We can offer 25k

Frontend			Share ...
React.js	A JS library for building user interfaces / dynamic frontend views	Free, open source (MIT)	15,000 - 40,000+ depending on complexity of UI
TailwindCSS	Utility-first CSS framework for styling	Free, open source	5,000 - 15,000 depending on design / responsiveness /
shadcn/ui	Component library / UI building blocks based on React + Tailwind (or similar)	Free / MIT or very permissive — most such UI component kits are free: might have premium features in some but if you use basic parts, it's free.	5,000 - 15,000 depending on how many customisations needed
Recharts	Charting library in React for data visualization	Free / open source	5,000 - 12,000 depending on number and complexity of charts

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Backend and authentication (developer asked for 40k)

We can offer 30K.

Backend			
Node.js + Express.js	The server / API: Node runtime + Express framework	Free, open source	20,000 - 50,000+ depending on number of endpoints, complexity, integrations
Database			
MongoDB Atlas	Cloud-hosted MongoDB. There is a free tier, but paid tiers as you scale.	Free tier available; paid plans depending on storage / performance.	5,000 - 20,000+ depending on setup (indexes, provisioning, scaling etc.)
Authentication			
JWT + bcrypt	JWT for token-based auth; bcrypt for password hashing	Free, open source	7,000 - 20,000 depending on complexity (e.g. roles, refresh tokens, security)

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No separate cost demanded by the developer for pdf export

It shouldn't be that costly.

PDF Export			
jsPDF / Puppeteer	To generate PDFs from your data or HTML pages	Free, open source	5,000 - 15,000 depending on how custom the PDFs are (layout etc.)

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Developer asked for 30k for wazuh integration

This can be omitted as we do the whole backend wazuh work

Monitoring / Security			
Wazuh (Virtual SOC / SIEM)	Security/monitoring / log & alert management	It has open source / free version. Cloud / hosted versions cost. <small>TrustRadius +3</small> Example: Wazuh Cloud "Small" ~\$571/month; "Medium" ~\$923/month; "Large" ~\$1,449/month. <small>TrustRadius</small>	For basic free version: setup + integration might cost ~20,000-50,000; for paid / custom / cloud + many endpoints: much higher, maybe upward of 100,000+ BDT / month maintenance + initial setup

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Developer didn't specifically charged for the hosting and domains
But he did charged 40k for Reports, QA, Deployment & Support
We can offer 20k or less because we may not need QA and support

Hosting			
Vercel (frontend)	Host/deploy frontend, CDN, etc.	Has a Hobby (Free) tier; paid Pro plan starting at US\$20/month for more features. Vercel +1	For free tier setup: maybe 5,000-15,000 BDT; for production with custom domain etc + Pro plan: extra monthly cost + one-time setup maybe 15,000-30,000
Railway / Render (API)	Host backend / APIs	Railway: free trial / base plans; then \$5/month for Hobby, \$20/month for Pro etc. Railway Docs +1 Render similarly has free / paid tiers.	Setup: maybe 10,000-30,000 BDT depending on complexity; plus monthly hosting fees in USD converted to BDT (\approx current USD rate)
Domain	dashboard.cyberlog.com.bd	Domain registration & DNS: Not free — you pay to buy the domain, renewal, DNS hosting etc.	Domain cost maybe 1,000-3,000 BDT/year depending on .com.bd / registrar etc; setup maybe additional small fee, 1,000-5,000 BDT depending on developer to configure SSL, domain pointing etc.

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Finally,
the developer charged 25k for Management, Documentation & Buffer.
We can negotiate to get a lower cost.

Developer mentioned a lot on wazuh threat detection; he doesn't need to do any of these:

- *Ticketing system - Client support

- Virtual SOC Integration: Wazuh

Wazuh will be integrated for a Virtual SOC experience:

- Real-time threat detection
- Log monitoring and incident summaries
- Displayed in dashboard via API or iframe

This provides enhanced transparency and cybersecurity reporting within the app.